

GT July Enrichment

Parents/Guardians,

These ELA & Math resources will enrich and add depth to the thinking of your GT student through the summer because they encourage:

- Multiple pathways for solutions
- Analysis of word relationships and letters within words
- Backwards thinking (What doesn't belong?)
- Analogies
- Logic
- Creativity
- Student choice
- Multi-step problems
- Ranking (requiring analyzation)
- Analyzation of different number combinations to arrive at answers
- Error analysis

Until next time,

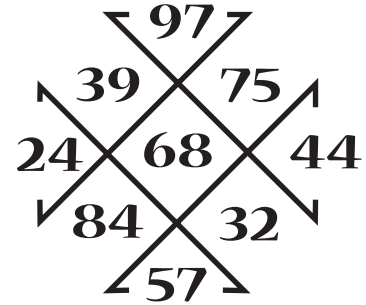
Your GT Coach




Shapely Math #1


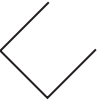
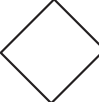

Addition, subtraction,
multiplication, and
division review





Study the shapes in equations 1–6.
Each shape has only one match in the
number grids. Use the shapes to fill in
the missing numbers in the equations.
Solve each number sentence. Check
your answers against the scrambled
answers in the Answer Box.


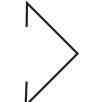


63	87	35
48	22	74
57	91	46









1. ( x  44) ÷ ( 68 - ) = _____

2. ( x ) ÷ ( - ) = _____

3. ( x ) ÷ ( - ) = _____

4. ( x ) ÷ ( - ) = _____

5. ( x ) ÷ ( - ) = _____

6. ( x ) ÷ ( - ) = _____

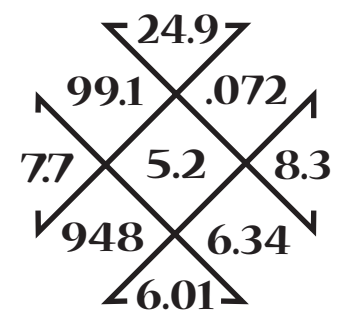
ANSWER BOX

394 r 4	507	461 r 4
768	550	192
422 r 2	35 r 40	1323

Shapely Math #2

Study the shapes in equations 1–6. Each shape has only one match in the number grids. Use the shapes to fill in the missing numbers in the equations. Solve each number sentence. Check your answers against the scrambled answers in the Answer Box.

66	6.38	.007
4.3	84.1	.407
35.4	4.01	6.7



- $(\square - \boxed{4.01}) + (\boxed{35.4} - \diamond) =$
- $(\triangleleft - \square) + (\triangleleft - \square) =$
- $(\triangleleft - \square) + (\square - \triangleup) =$
- $(\triangleleft - \square) + (\triangleright - \square) =$
- $(\diamond - \square) + (\triangleleft - \square) =$
- $(\triangleleft - \square) + (\square - \square) =$

ANSWER BOX

593.6	69.3	953.926
16.0	30.49	11.34
1.665	18.66	33.47

Date _____

Name _____

Order of Operations

Meanie Genie

The Meanie Genie grants three wishes, but only to students who know their math—including the correct order of operations. Anyone who gets the math correct in Genie’s math challenge will receive ALL his or her wishes. Anyone who gets even one equation wrong receives NO wishes!

Check each person’s math, and circle yes or no to show which students’ wishes will be granted. We’ve done the first one for you.



TIP Order of operations is important. Do multiplication first, then division, next addition, and finally subtraction!

1. Darrel

Genie’s challenge	Equals	Darrel’s wishes: YES or <u>NO</u> ?
$45 - 36 - 8 =$	1	new bike
$3 \times 16 \div 6 \div 4 =$	2	world peace
$19 - 10 + 3 =$	12	sunshine every day

Meanie Genie explains: Darrel gets no wishes granted because he got one wrong! (The third equation should equal 6.)

2. Jake

Genie’s challenge	Equals	Jake’s wishes: YES or NO?
$65 \div 13 - 4 =$	1	catch a ball in a baseball stadium
$8 \times 3 \div 12 =$	2	tacos for lunch every day
$6 + 5 + 3 - 11 =$	3	go inside a space shuttle

Meanie Genie explains: _____

3. Cecilia

Genie’s challenge	Equals	Cecilia’s wishes: YES or NO?
$1 \times 1 \times 0 =$	0	new dress
$4 \div 4 + 0 + 1 =$	2	no puppies without homes
$30 - 10 \div 2 =$	5	ice cream shop opens on her street

Meanie Genie explains: _____

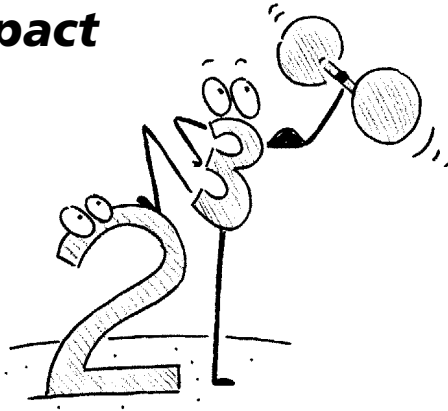
4. Daniela

Genie’s challenge	Equals	Daniela’s wishes: YES or NO?
$36 \div 4 + 1 - 9 =$	1	visit a movie set
$100 \div 5 \times 2 - 8 =$	2	see her name in the newspaper
$3 + 4 + 8 \div 2 =$	11	new car for her parents

Meanie Genie explains: _____

Little Number, BIG Impact

A shortcut for writing $2 \times 2 \times 2$ is 2^3 . The number that is written above and to the right of another number is called an exponent. Insert an exponent to the right of each number in column A so that it equals the number in column B. We've done the first one for you.



	A	B
1.	4^2	16
2.	$6 \square$	216
3.	$8 \square$	64
4.	$9 \square$	729
5.	$2 \square$	68
6.	$4 \square$	256
7.	$3 \square$	2,187
8.	$11 \square$	14,641
9.	$25 \square$	15,625
10.	$47 \square$	103,823

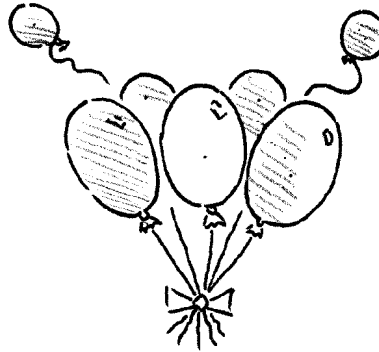
Date _____

Name _____

Multiplying Fractions

Balloon Journey

The helium-filled balloons listed below just landed in your yard. How many miles did they travel to get there? Do the math and find out. Then circle the color of the balloon that traveled the farthest. We've done the first one for you.



Color of balloon	Distance traveled	Total miles
1. red	traveled 440 miles over land plus $\frac{5}{8}$ as many miles over water	$440 \times \frac{5}{8} = 275$ $440 + 275 = 715$ miles
2. yellow	traveled 580 miles over water plus $\frac{3}{4}$ as many miles over land	
3. purple	traveled 234 miles over land plus $\frac{2}{3}$ as many miles over water	
4. green	traveled 702 miles over land plus $\frac{7}{9}$ as many miles over water	
5. orange	traveled 693 miles over water plus $\frac{6}{7}$ as many miles over land	
6. blue	traveled 714 miles over land plus $\frac{1}{6}$ as many miles over water	
7. white	traveled 820 miles over water plus $\frac{4}{5}$ as many miles over land	
8. black	traveled 368 miles over land plus $\frac{7}{8}$ as many miles over water	
9. pink	traveled 125 miles over land plus $\frac{2}{5}$ as many miles over water	
10. silver	traveled 600 miles over land plus $\frac{1}{6}$ as many miles over water	

Date _____

Name _____

Percents and Discounts

Everything Must Go!

The Velocity Vulture Appliance Store is having a big sale. Prices on all items are being reduced in an unusual way. Read the sale terms listed below and then calculate the new price of each item. If an item number is divisible by more than one number, choose the bigger percentage. We've done the first one for you.



Sale terms: Every item whose model number is evenly divisible by:

12 or 14, is on sale 25% off

20 or 22, is on sale 30% off

13 or 15, is on sale 20% off

27 or 29, is on sale 15% off

Item/model number	Price before sale	Evenly divisible by	Price after sale
1. Pro Chopper 880	\$600	20 and 22 (on sale 30% off)	\$420 (\$600 × .30 = \$180; \$600 - 180 = \$420)
2. Deluxe Dishwasher 1160	\$500		
3. Golden Knight 896	\$700		
4. Quickmaster 1200	\$650		
5. Great Chef 720	\$800		
6. Wash 'N Clean 1566	\$480		
7. Dry 'N White 1400	\$400		
8. Below Zero 962	\$975		

Which item is least expensive after the discount? _____

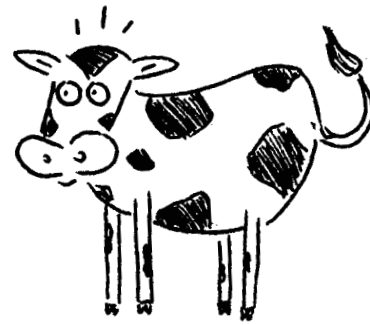
Date _____

Name _____

Division

Milk Money

The Early Bird Elementary School made a strange investment—a real cow! Now students can get milk at no charge (if the cow is in a good mood, that is!). The students below plan to take advantage of the milk money savings. Look at how much they spent each day on milk,



what they want to buy, and the cost of that item. Set up an equation that will tell them how many days they'll have to save until they can afford the item next to their name. We've done the first one for you.

TIP It's okay if the equation isn't exactly the cost of the item they want to buy, it just has to be enough.

Student	Milk money per day	Item wants to buy	Cost	How many days until he/she can afford the item?
1. Sue	\$0.25	book	\$5.65	23 days $\$5.65 \div .25 = 22 \text{ R } 15$
2. Jacob	\$0.80	jump rope	\$10.95	
3. Louis	\$0.35	clock radio	\$17.50	
4. Molly	\$0.40	magazine subscription	\$20.00	
5. Ralph	\$0.25	book bag	\$26.47	
6. Rosita	\$0.50	scooter	\$59.99	
7. Tyrone	\$0.75	hit CD	\$15.75	
8. Karen	\$0.30	winter jacket	\$65.00	

Date _____

Name _____

Measurement Equivalents

Find Your Way Out

It all started with Hansel and Gretel dropping bread crumbs on their path through the forest to find their way out. Since then, others have used various (natural or biodegradable) items instead of bread crumbs to do the same. If the forest explorers below drop *one item every 50 meters*, will they have enough to find their way out? You'll need to know the metric system to find out. Do the math, then write yes or no in the chart below.



TIP The explorers won't drop an item at the very start or at the very end of their path.

Forest explorer	What does he/she drop?	How many does he/she have?	How far will he/she walk?	Will he/she have enough?
1. Jesse	corn kernels	75	3 kilometers	
2. Warner	pine cones	30	2 km	
3. Mara	cotton balls	65	2.5 km	
4. Brianne	peanut shells	40	1 km	
5. Sylvia	big acorns	75	4 km	
6. Tomas	popcorn kernels	100	7 km	
7. Alex	daisies	25	1.25 km	
8. Jud	index cards	50	2.75 km	
9. Nathan	sunflower seeds	20	1.5 km	
10. Livia	shells	40	3.5 km	

Date _____

Name _____

Jumbled and Incomplete

Each group contains three jumbled words, but each jumbled word is missing one letter. In fact, all the words in a group are missing the *same* letter. Use the clues to figure out that missing letter, add it to each jumble, and unscramble the words. The first one is done for you.

JUMBLLED WORDS	CLUES	LETTER TO ADD TO EACH WORD	UNSCRAMBLED WORDS
1. dana, ciner, zerelt	type of bear, royal son, knotted bread snack	<i>P</i>	<i>panda, prince, pretzel</i>
2. mare, zilzer, staint	story while sleeping, light rain, far away		
3. bleg, brawin, nerujy	miniature model of the Earth, multi-colored arc of light, trip		
4. chea, vear, noirg	sandy land near sea, courageous, dull		
5. lkm, trenw, leccyb	white drink, cold season, two-wheeled vehicle		
6. tome, roart, raterue	a bright heavenly body with a long tail of light, orange vegetable, animal		
7. koe, gleun, gelgu	short funny story or prank, hot climate with lots of plants and animals, toss and keep several objects in the air at once		
8. orc, seran, psierh	black bird, respond to question, talk softly		

YOUR TURN

Create a word jumble of your own, with clues, like the ones above. Test it on your classmates to see if they can figure it out.

Date _____

Name _____

Change Is in the Air

Each sentence below contains a boldface word and a missing word. To figure out the missing word, you'll need to look at the context of the words around it and change some letters in the boldface word. The numbers in parentheses indicate how many letters must change to get the correct answer. The tips will help you out, too. We've done the first one for you.

HELPFUL TIPS:

- * Each new word has the same number of letters as the original word.
- * Letters are not rearranged but rather replaced with other letters.
- * The words don't have to rhyme, but they might.

1. I lost my bike **lock** because I always have bad luck. (1)
2. My **horse** is very well behaved, but my parents still won't let me bring him in the _____. (1)
3. It's easy to see the **moon** at midnight, but not so easy at _____. (1)
4. Whoever is not the **winner** has to cook _____ for the rest of us. (1)
5. People might stare if you walk down the **sidewalk** _____ instead of facing forward. (2)
6. The waves **crashed** onto the deck of the sloop with such force they _____ out some of the boat's windows. (2)
7. Can you see a **shadow** reflected in a _____? (3)
8. The crook snuck into the library and **took** the rare and valuable _____. (1)
9. That **puzzle** is so hard that it took six _____ working together to finish it. (3)
10. Coming to school with **stripes** painted on your face is indeed a bit _____. (4)
11. When the **hen** saw the fox in the distance she got so scared she ran straight into the wire mesh _____ for safety. (1)
12. When the neighbor came to **return** our lost cat, my mother fetched the _____ money from her dresser. (4)

YOUR TURN

Write a sentence with a missing word and a boldface word like the ones above. See if your classmates can figure it out by changing the number of letters you've indicated inside the parentheses.

One Word, Two Words

Each compound word below is followed by a list of four more words. Each of those four words is associated with either the first or the second word in the compound word. They can be a type of one of the words, a part of one of them, or a synonym for one of them.

Write which each is in the chart below. We've done the first one for you.



	break	fast
1. breakfast: breakneck, rift, rupture, rash	<i>rift,</i> <i>rupture</i>	<i>breakneck,</i> <i>rash</i>
	light	house
2. lighthouse: abode, luminous, spectrum, domicile		
	gold	fish
3. goldfish: bullion, karat, cod, grouper		
	flower	pot
4. flowerpot: orchid, cauldron, kettle, geranium		
	bed	rock
5. bedrock: slate, obsidian, trundle, futon		
	red	head
6. redhead: cranium, crimson, noggin, rouge		
	play	mate
7. playmate: frolic, partner, romp, associate		
	under	take
8. undertake: get, beneath, subterranean, secure		

Earth, Wind, and Fire

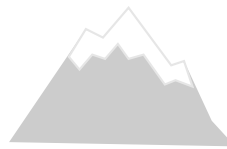
Each word below is associated with one of the four elements: air, earth, fire, or water. The elements are represented by four icons below. Draw a line from the word to its most appropriate icon.

WORDS

1. topsoil
2. inferno
3. tide
4. cultivate
5. cloud
6. combustible
7. dew
8. oxygen
9. atmosphere
10. ember
11. condensation
12. arid
13. altitude
14. molten
15. crust

ELEMENTS

Air



Earth



Fire



Water

YOUR TURN

Think of three more words associated with air, earth, fire, or water. Ask your classmates to think of the meaning of each word and name its most appropriate element.

Date _____

Name _____

Word Works

Each letter or group of letters is missing either the prefix “ex-,” or “com-,” or the suffix “-ence,” or “-ic” to make it a real word. Your job is to figure out which prefix or suffix works best. Write the word formed and its meaning in the space provided. There is only one correct answer for each. You may use a dictionary to check your answers.

Examples:

bat → adding “com-” to the front makes it “combat”

histor → adding “-ic” at the end makes it “historic”

LETTERS	EX-, COM-, -ENCE, OR -IC?	WORD FORMED	MEANING?
1. fort			
2. poet			
3. viol			
4. it			
5. publ			
6. bine			
7. abs			
8. haust			
9. ceed			

YOUR TURN

Look at the words formed and their definitions above, then take a guess at the meanings of the suffixes or prefixes used with them. Use a dictionary to check your guess.

ex- _____

com- _____

-ence _____

-ic _____

Date _____

Name _____

Places Trading

Each sentence below has a word that has traded places with a word in another sentence. To correct the error, you'll need to circle the word in each sentence that doesn't belong. Then, figure out which two sentences can trade circled words so they make sense. Rewrite each sentence with the correct word in its place on the blanks below. We've done the first one for you.

1. One of the lions escaped from the zoo but he was splattered safely last night.

One of the lions escaped from the zoo but he was caught safely last night.

2. I always drink a glass of pizza before I go to bed at night.

3. The waiting room at the doctor's office is filled with old branches.

4. She got new sneakers this weekend, but by Monday they were already

caught in mud. *She got new sneakers this weekend, but by Monday they were already splattered in mud.*

5. After the storm, we saw lots of broken magazines around the city.

6. On a long trip it's nice to have a good telescope to read.

7. Every time I have the show to eat chocolate, I try to resist and have a carrot stick instead.

8. He had never seen a meteor shower and was looking forward to seeing one through the book.

9. Some of the students brought in their favorite toys for urge and tell.

10. After winning the state softball championship, the team decided to have a victory celebration at the local water parlor.

Date _____

Name _____

FAST FINISHERS

Language Arts

Turn! Run! Break! Fly!

Each verb in boldface below is accompanied by a group of words in a chart. The first column of words in the chart are prepositions and the second column are nouns. Draw a line between the prepositions and nouns to make a pair that will make sense with the verb. The first one is done for you.



1. **turn** on shower

on	blanket
up	shower
over	driveway
into	volume

2. **run** _____

through	mistake
over	choices
up	nails
across	stairs

3. **break** _____

into	ice
down	mob
up	laughter
through	wall

4. **fly** _____

off	style
in	sunset
into	handle
by	night

Date _____

Name _____

Strange Spelling Bee



This year, the Norton Elementary School spelling bee is featuring some of the hardest words to spell. Each student spelled each word wrong by at least one letter. How soon were the words spelled wrong? Rank them from 1 (mistake in the first letter) to 12 (mistake in the twelfth letter). We've done the first one for you.

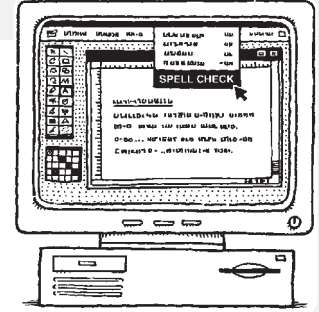
INCORRECTLY SPELLED WORD	CORRECTLY SPELLED WORD	1ST LETTER WRONG	RANK (1-12)
niether	<i>neither</i>	<i>2nd letter "i" should be "e"</i>	<i>2 (earliest mistake)</i>
dunjeon			
absense			
associatian			
governer			
correspondance			
emphibian			
environmentul			
thesauris			
boomarang			
chlorophill			
nessary			

Date _____

Name _____

Double Check

It's easy to think that when you work with a computer, you can't misspell a word as long as you use the spell-check feature. But, even computers make mistakes, especially when they come across homophones—words that sound alike but have different spellings and meanings. Below is a list of sentences that have been spell-checked by a computer. Circle the incorrect homophones the computer missed. Some sentences have more than one. Write the correct word or words on the line.



1. The shellfish had such a strong mussel that it couldn't be pride open with a knife. _____
2. Losing the soccer championship to a team that had an inferior record last season was a lessen in overconfidence for our team. _____
3. Queen Ima Badrula's rein ended abruptly when her people decided they wanted a new sovereign and overthrew her. _____
4. I felt sorry for the oxen in the field because they kept throwing their heads back in an attempt to loosen the yolks that hung heavily around their necks. _____
5. If you want to take photographs of an animal in the wild, you knead to be absolutely stationery or else you'll scare your subjects away.

6. Turns are beautiful birds to watch, especially when they are soaring over the crashing surf at the beach. _____
7. We didn't discover any buried treasure on the beach, but we did fined a broken peace of medal, which we first thought was gold. _____
8. When you complement a person on a job well done, don't expect one in return. _____
9. The steaming hot muffins were loaded with small, sweet currents, which gave off a wonderful sent. _____
10. The Army Core of Engineers has worked hard to build bridges, tunnels, and highways so Americans can travel moor easily. _____

Haunted Words



Which of the words on the list below are haunted? Only the ones that have a ghost of some kind hiding within them! Any word that contains all the letters of any of the types of ghosts listed in the cast of spooky characters below is haunted. For each word, you may not use a letter more than once to spell a ghost word. Don't worry if you don't know what some of these words mean—you can look them up in the dictionary.

THE CAST OF SPOOKY CHARACTERS

ghost phantom spook spirit specter

WORD LIST

SPOOKY CHARACTER FOUND INSIDE

- 1. Goths _____
- 2. photojournalism _____
- 3. triskaidekaphobia _____
- 4. interdisciplinary _____
- 5. sarcophagus _____
- 6. respiration _____
- 7. metamorphosis _____
- 8. striping _____
- 9. respectful _____
- 10. photodisintegration _____
- 11. goulash _____
- 12. spectator _____
- 13. thoroughness _____
- 14. spokeswoman _____

Answer Key for Enrichment Resources

The answers are arranged in the same order as they appear in the packet. The highlighted pages are the answers for your grade's enrichment activities.

5th grade enrichment resources (answers)

Match It #1 (page 19)

1. 1,674 2. 2,436 3. 736
 4. 4,508 5. 2,640 6. 2,520
 7. 2,961 8. 806 9. 1,152
 10. 2,166 11. 2,378 12. 3,528

Where does a frog change its clothes?
In a croak room.

Secret Code Time (page 20)

- M 2,546 U 1,200 N 4,700 L 1,674
 W 1,855 T 2,291 D 1,972 O 3,239
 I 4,620 J 1,128 E 2,294 F 2,700
 R 600 S 3,496 A 4,512 H 4,524

Why did Godzilla eat Tokyo instead of Rome?
He just was not in the mood for Italian food.

Monster Mystery (page 21)

- ACROSS DOWN
 1. 24,576 1. 21,682
 5. 56,296 2. 76,632
 6. 61,386 3. 26,880
 8. 30,272 4. 12,600
 9. 44,154 7. 15,255

What did the hungry monster eat after the dentist pulled its tooth?
The dentist

Last Number - First Number #2 (page 22)

1. 18,213 2. 33,856
 3. 60,905 4. 51,646
 5. 60,092 6. 23,161
 7. 13,143 8. 32,076
 9. 63,714 10. 42,413
 11. 39,774 12. 43,831

What does the announcer say to start a flea race?
One, Two, Flea - GO!

Equal Values (page 23)

246	125	264	222	176
144	99	102	483	420
290	90	240	64	210
216	95	48	156	45

99	64	290	48	45
420	483	90	222	125
246	156	95	144	216
102	240	176	264	210

What's the best way to double your money?
If you fold the five-dollar bill, you double it. But if you open it up again you'll find it increases.

Did You Hear? Riddles (page 24)

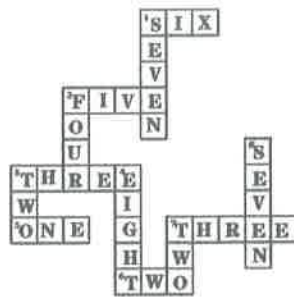
- W 38 O 69 D 222 L 686
 T 54 M 521 Y 681 H 468
 S 442 A 588 F 123 U 55
 N 655 I 515 L 232 I 122

About your muscles? *Never Mind - It's a lot of mush.*

About the rotten pudding? *Never Mind - You wouldn't swallow it.*

Remainders (page 25)

- ACROSS DOWN
 1. 78r6 1. 92r7
 2. 48r5 2. 49r4
 3. 69r3 3. 90r2
 5. 89r1 4. 67r8
 6. 38r2 7. 65r2
 7. 96r3 8. 88r7



Match It #2 (page 26)

1. 583 2. 246 3. 339 4. 949
 5. 443 6. 409 7. 560 8. 300
 9. 764 10. 226 11. 793 12. 415

What do you give a seasick elephant?
Plenty of room

99s (page 27)

1. 23r30 2. 56r48 3. 71r31
 4. 64r42 5. 37r17 6. 88r52
 7. 49r39 8. 57r23 9. 76r24

More Did You Hear? Riddles (page 28)

- P 13 A 75 T 68 H 86
 R 22 O 41 U 20 K 80
 Y 40 I 83 M 43 C 35
 S 38 C 39 E 21 N 66

About the rotten food? *Never mind - it turns my stomach.*

About the chef who dropped the egg?
Never mind - it cracks me up.

Follow the Arrows #1 (page 29)

- A 18,931 > 4,458 > 2,229 > 11,145
 > 4,210 > 842
 B 24,244 > 451 > 17,589 > 5,214 > 869
 > 46,926 > 5,551

Links (page 30)

- N 80 D 1,098 L 44 G 847 Y 231
 A 77 S 36 B 1,060 U 183 O 105

What strange children live in the ocean?
Buoys and gulls

Shapely Math #1 (page 31)

1. $(48 \times 44) + (68 - 63) = 422r2$
 2. $(22 \times 75) + (68 - 22) = 35r40$
 3. $(63 \times 84) + (39 - 35) = 1,323$
 4. $(48 \times 24) + (97 - 91) = 192$
 5. $(32 \times 74) + (63 - 57) = 394r4$
 6. $(39 \times 91) + (91 - 84) = 507$

Elephant Trivia (page 32)

- J 84 I 113 K 81 A 112
 L 85 T 91 E 90 R 149
 O 104 S 165 N 64
 D 72 W 159 H 50

Why did the elephant cross the road?
He didn't want to hear that last joke.

Riddle Time (page 33)

- T 48 K 7
 G 34 C 31
 E 36 H 9
 A 6 N 40
 F 68 S 8
 W 5 P 25
 I 33 O 26

What has 500 teeth and says "Beware of Dog"?
A picket fence with a sign on it

Equal Values (page 34)

$\frac{8}{8} = 1\frac{0}{8}$	$\frac{14}{10} = 1\frac{4}{10} = 1\frac{2}{5}$	$\frac{8}{8} = 1\frac{0}{8} = 1\frac{0}{8}$	$\frac{8}{8} = 1\frac{0}{8}$
$\frac{12}{12} = 1\frac{0}{12}$	$\frac{17}{14} = 1\frac{3}{14}$	$\frac{7}{7} = 1\frac{0}{7}$	$\frac{17}{17} = 1\frac{0}{17}$
$\frac{12}{12} = 1\frac{0}{12}$	$\frac{10}{8} = 1\frac{2}{8} = 1\frac{1}{4}$	$\frac{2}{2} = 2\frac{0}{2}$	$\frac{11}{11} = 1\frac{0}{11}$
$\frac{8}{8} = 1\frac{0}{8}$	$\frac{5}{5} = 2\frac{0}{5}$	$\frac{12}{12} = 1\frac{0}{12} = 1\frac{0}{12}$	$\frac{19}{19} = 1\frac{0}{19}$

What is the difference between a football player and a duck?
A football player is found in a huddle, but a duck is found in a puddle.

A Sharp Riddle (page 35)

- D $1\frac{1}{2}$ E $\frac{1}{2}$ F $\frac{7}{30}$ S $\frac{1}{2}$
 T $\frac{9}{10}$ O $2\frac{1}{2}$ R $1\frac{1}{4}$ Y $\frac{5}{10}$
 I $\frac{8}{8}$ H $\frac{1}{4}$ L $1\frac{1}{2}$ C $\frac{11}{11}$
 U $\frac{1}{15}$ K $1\frac{1}{2}$ W $\frac{1}{11}$ N $\frac{11}{11}$

If two vampires had a race, who would win?
Neither—they would finish neck-in-neck.

Wrestle the Code (page 36)

E	$\frac{1}{2}$	A	$\frac{3}{4}$
D	$\frac{1}{3}$	R	$2\frac{1}{3}$
T	$\frac{2}{3}$	O	$\frac{1}{6}$
S	$1\frac{1}{6}$	W	$2\frac{1}{4}$
Y	1	N	$1\frac{1}{3}$
I	$1\frac{1}{2}$	L	3
H	$1\frac{3}{8}$	F	$\frac{5}{8}$
		G	$\frac{5}{8}$

What did the wrestler say when he sat down to eat at the buffet? *I really don't want all this food to go to waist.*

Decimal Match (page 37)

1. 0.3 2. 13.001 3. 4.04 4. 7.015
 5. 13.01 6. 4.004 7. 0.03 8. 13.1
 9. 4.040 10. 13.10 11. 4.4 12. 7.15

How do we know football referees are happy? *We know referees are happy because they always whistle while they work.*

Follow the Arrows #2 (page 38)

- A 158.511 \triangleright 64.435 \triangleright 4.7 \triangleright 11.75
 \triangleright 2.35 \triangleright 9.4
 B 595.765 \triangleright 4.445 \triangleright 26.67 \triangleright 7.65
 \triangleright 1.53 \triangleright 10.098 \triangleright 0.099

Coded Riddle (page 39)

- F 11.02 L 78.3 B 350.4
 S 127.02 H 439.35 R 33.06
 E 316.91 Y 3,754.4 I 245.05
 P 3,920.4 D 315.27 W 3,729.6
 N 1,660.6 U 4,720.8 O 152.32
 T 3,096.6

Why did the doughnut makers finally close their shop? *They were fed up with the hole business.*

Decimal Fun (page 40)

- R 28.469 T 1,209.55 N 145.01
 S 9.232 C 50.035 D 17.333
 H 231.7 I 207.35 E 71
 G 396

Why did the hen always lift eggs? *She needed the eggs-ercise.*

1. $(4.3 - \sqrt{4.01}) + (\sqrt{354} - 5.2) = 30.49$
 2. $(.072 - .007) + (83 - 6.7) = 1.665$
 3. $(991 - 66) + (6.38 - 6.01) = 33.47$
 4. $(991 - 84.1) + (77 - 6.7) = 16$
 5. $(948 - .007) + (6.34 - .407) = 953.926$
 6. $(249 - 43) + (84.1 - 35.4) = 69.3$

Shapely Math #2 (page 41)**No Kidding!** (page 42)

C	1.8	S	5	M	4.3	E	0.61
R	0.2	A	9.5	H	0.32	L	0.7
I	0.3	Y	0.39	B	0.4	O	0.04
U	0.8	T	8				

What's the tallest building in town?
The library, because it has the most stories.

Hidden Question and Answer #1

(page 43)

Y	(0,2)	A	(2,0)	I	(5,4)
B	(8,0)	N	(11,8)	R	(1,8)
S	(4,8)	H	(6,7)	E	(9,6)
D	(1,5)	O	(4,6)	M	(7,5)
L	(10,5)	W	(2,2)	K	(4,3)
G	(8,3)	T	(10,1)		

Question: *What did the egg say to the blender?*

Answer: *I know when I'm beaten.*

Hidden Question and Answer #2

(page 44)

Y	(0,7)	R	(2,5)	A	(4,1)
T	(7,3)	U	(9,2)	S	(0,1)
E	(3,8)	B	(5,4)	O	(8,7)
N	(10,4)	H	(1,3)	D	(3,4)
L	(6,9)	V	(8,0)	I	(1,0)
F	(4,6)	C	(6,5)	W	(9,8)

Question: *What is the best cure for double vision?*

Answer: *Shut one eye.*

A Timely Puzzle (page 45)

1. 720 minutes 2. 7:01 A.M.
 3. 3 minutes, 6 seconds 4. 7:34 A.M.
 5. 1,140 seconds 6. 13 hours, 3 minutes
 7. 132 minutes 8. 2 hours, 40 minutes
 9. 3 minute, 1 second 10. 900 seconds
 11. 2 hours, 5 minutes 12. 756 seconds

Why did the downhill skier wear just one boot? *He heard that the snow along the trail was one foot deep.*

Answers

PAGE 18: **Number Pole**

- 12, ÷
- 38, -
- 64, x
- 256, x
- 166, +
- 378, -
- 480, ÷
- 29, ÷

PAGE 19: **Meanie Genie**

Jake and Daniela should be circled yes because all their answers were correct! Cecilia is no, because she got the third equation wrong. $30 - 10 \div 2 = 25$ (not 10).

PAGE 20: **Get the Scoop!**

- Zaura—7 scoops
- Ellis—18 scoops
- Clara—18 scoops
- Darby—15 scoops
- Chang—7 scoops
- Thelma—26 scoops
- Deon—14 scoops
- Gabriela—44 scoops

Gabriela is the new champion!

PAGE 21: **The Number Shuffle**

- $390 + 876 = 1,266$
- $486 + 1,266 = 1,752$
- $1,752 - 654 = 1,098$
- $1,098 \times 3 = 3,294$
- $6,402 - 3,294 = 3,108$
- $59 + 150 = 209$
- $150 - 79 = 71$
- $639 + 71 = 710$
- $710 - 560 = 150$
- $150 \div 30 = 5$
- $85 - 5 = 80$

PAGE 22: **A-Maze-ing!**

START					
18 + 0	54 + 3	32 +	36 +	48 ÷	98 +
42 +	9 x 2	20 +	12 x	54 +	9 -
19 +	4 + 14	19 +	15 -	4 x	22 +
25 +	108 + 6	21 - 3	38 +	16 -	96 +
15 -	0 x	18 - 0	36 + 2	36 - 18	100 +
3 -	26 +	78 +	8 x	2 x 9	14 x
7 x	28 +	24 +	56 +	199 - 181	17 -
64 +	92 +	12 -	44 +	18 x 1	702 + 39
10 x	36 x	30 +	11 x	146 +	3 x 6
					FINISH

PAGE 23: **Lights, Camera, Action!**

- 100 101 (102) 106
- 63 (36) 26 16
- 129 188 208 (192)
- (5) 6 18 4
- 80 (82) 83 85
- 199 145 (198) 186
- 80 (82) 83 85

- (294) 298 268 283
- 5,243 5,657 (5,776) 6,557
- 1,772 (1,773) 1,779 1,777
- 3,333 3,395 (3,325) 3,345
- 116 118 113 (114)

Your Turn 53

PAGE 24: **Reaching the Top**

- $586 \div 8$ does not equal 86
- $1,644 \div 68$ does not equal 34
- $259 \div 3$ does not equal 65
- $64 - 48$ does not equal 15

José climbed the highest.

PAGE 25: **Harvest Riddle**

- 64,8 (addition 72, subtraction 56, multiplication 512, division 8)
- 18,3 (addition 21, subtraction 15, multiplication 54, division 6)
- 35,7 (addition 42, subtraction 28, multiplication 245, division 5)
- 6,0 (addition 6, subtraction 6, multiplication 0, division 0)

60	9	258	130	1
12	56	15	512	182
19	54	79	6	14
25	5	28	72	76
168	8	44	245	954
201	42	0	21	26
55	87	4	34	51

A harvestman, otherwise known as a daddy longlegs, is an arachnid that has 8 legs.

PAGE 26: **Three's a Charm**

Evenly spaced trio	How many apart from one another?
2. 29, 36, 43	7
3. 18, 34, 50	16
4. 11, 46, 81	35
5. 63, 142, 221	79
6. 37, 58, 79	21
7. 13, 64, 115	51
8. 2,218; 2,323; 2,428	105

PAGE 27: **Find the Bookend**

Which number belongs?	Beginning or end?	Description of pattern
2. 0	beginning	increases by 5
3. 3	beginning	increases by 5
4. 36	end	increases by 2, then 6, then 2, then 6, and so on
5. 27	end	decreases by 4
6. 123	beginning	decreases by 7
7. 7	end	+2, -1
8. 105	end	decreases by 1, increases by 8
9. 33	beginning	number added increases by one each time
10. 50	end	numbers decrease by half

PAGE 28: **Abacadabra!**

Group 1: All numbers have the exact same digits (in different orders), except these: 625 (Set A); 3,441 (Set B); 4,596 (Set C); 28,076 (Set D)

Group 2: All numbers are in reverse order, except these: 89 (Set A); 954 (Set B); 2,310 (Set C); 56,432 (Set D)

Group 3: The third digit is twice the first digit, except these: 170 (Set A); 781 (Set B); 172 (Set C); 201 (Set D)

PAGE 29: **Pyramid Challenge**

- increases by 5 (missing numbers: 34, 54, 79)
- increases by 7, then 2, then repeats (missing numbers: 0, 34, 45, 70)
- decreases by 3 (missing numbers: 85, 70, 61, 55, 49)
- decreases by 1, increases by 6, then repeats (missing numbers: 36, 46, 56, 61, 65)

Your Turn Pattern is $\div 4, \times 8, \div 4, \times 8$, etc. (missing numbers: 96, 48, 768, 384)

PAGE 30: **Think Ahead**

A	B
2. 88	89
3. 222	234
4. 444	456
5. 77	789
6. 1,111	1,234
7. 3,333	2,345
8. 6,666	6,789
9. 8,888	8,910
10. 11,111	12,345

PAGE 31: **Hit the Road**

- $1027 = 27 \div 9 = 3$
- $263 = 63 \div 9 = 7$
- $1,395 = 135 \div 9 = 15$
- $1,880 = 180 \div 9 = 20$
- $3,206 = 306 \div 9 = 34$
- $5,385 = 585 \div 9 = 65$
- $20,151 = 2,151 \div 9 = 239$
- $28,530 = 2,853 \div 9 = 317$
- $94,122 = 4,122 \div 9 = 458$

Your Turn All the digits in a number evenly divisible by 9 (or a multiple of 9), add up to 9 (or a multiple of 9. E.g., $2,151 \div 9 = 239$ and $2 + 1 + 5 + 1 = 9$)

PAGE 32: **Sum Good Facts**

- $4 + 8 = 12$
- $12 + 36 = 48$
- $27 + 32 = 59$
- $63 + 27 = 90$
- $45 + 72 = 117$, in 1931
- $12 + 48 + 90 = 150$

Answers

PAGE 33: **STRENGTH in Numbers**

1=A	6=F	11=K	16=P	21=U	26=Z
2=B	7=G	12=L	17=Q	22=V	
3=C	8=H	3=M	18=R	23=W	
4=D	9=I	14=N	19=S	24=X	
5=E	10=J	15=O	20=T	25=Y	

- $14 + 9 + 14 + 5 > 19 + 5 + 22 + 5 + 14$ ($42 > 65$) false
- $20 + 23 + 15 > 15 + 14 + 5$ ($58 > 34$) true
- $20 + 23 + 5 + 12 + 22 + 5 > 5 + 9 + 7 + 8 + 20$ ($87 > 49$) true
- $5 + 9 + 7 + 8 + 20 + 25 > 19 + 9 + 24 + 20 + 25$ ($74 > 97$) false
- $6 + 9 + 6 + 20 + 25 > 20 + 8 + 9 + 18 + 20 + 5 + 5 + 14$ ($66 > 99$) false
- $20 + 8 + 9 + 18 + 20 + 25 + 15 + 14 + 5 > 20 + 23 + 5 + 14 + 20 + 25 + 15 + 14 + 5$ ($134 > 141$) false
- $19 + 5 + 22 + 5 + 14 + 20 + 25 + 6 + 15 + 21 + 18 > 6 + 15 + 18 + 20 + 25 + 19 + 5 + 22 + 5 + 14$ ($170 > 149$) true

PAGE 34: **Prime Time for Prime Numbers**

8 P.M.: Everybody Leaves Richard **3**;
Just Tell Me **43**; Shipwreck **73**;
Doherty, Utah Baker **7**

9 P.M.: WWF—World Whispering Federation **89**; Little Horse on the Prairie **29**;
America's Most Washed **47**

10 P.M.: RSVP Yellow **97**; Danger **41**;
Fries to Order **2**

Your Turn 2, 3, 5, 7, 11, 13, 17, 19, 23, 29, 31, 37, 41, 43, 47, 53, 59, 61, 67, 71, 73, 79, 83, 89, 97

PAGE 35: **Little Number, BIG Impact**

- | | |
|----------|------------|
| 2. 6^3 | 7. 3^7 |
| 3. 8^2 | 8. 11^4 |
| 4. 9^3 | 9. 25^3 |
| 5. 2^6 | 10. 47^3 |
| 6. 4^5 | |

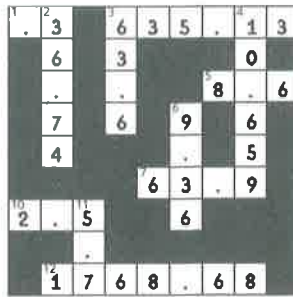
PAGE 36: **Tic-Tac-Decimal**

- | | | | |
|----|-----------------|----|--------------------|
| 2. | 2.0 3.1 1.7 | 5. | 20.9 11.7 30.6 |
| | 6.2 3.5 6.8 | | 3.5 55.9 8.2 |
| | 5.4 2.1 1.2 | | 5.0 5.4 17.1 |
-
- | | | | |
|----|-------------------|----|------------------|
| 3. | 6.3 9.3 18.9 | 6. | 10.2 9.7 .33 |
| | 13.9 7.1 12.3 | | 3.4 .29 .5 |
| | 5.6 2.5 3.5 | | .46 2.1 1.08 |
-
- | | |
|----|--------------------|
| 4. | 12.3 43.4 16.7 |
| | 13.4 15.1 14.9 |
| | 41.5 8.6 36.8 |

PAGE 37: **Defying Physics**

- | | | | | |
|-----|-----|-----|-----|-----|
| | 6.5 | | | |
| .7 | 1.4 | 3.0 | | |
| .17 | 6 | .89 | .22 | .12 |
- | | | | | |
|-----|------|----|-----|-----|
| | 7.15 | | | |
| 5.2 | 7 | 32 | | |
| 4.3 | 34 | .3 | .75 | .44 |
- | | | | | |
|-----|-------|----|------|----|
| | 11.99 | | | |
| 6.1 | 2.0 | 47 | | |
| .18 | 1.6 | .2 | 1.35 | .1 |
- | | | | | | | |
|------|------|------|-----|-----|------|----|
| | 6.55 | | | | | |
| .98 | .38 | .34 | | | | |
| .115 | .27 | 1.30 | .20 | .30 | | |
| .23 | .432 | .56 | .01 | 1.1 | 1.23 | .4 |
- | | | | | | | |
|------|------|-----|-----|-----|-----|----|
| | 16.5 | | | | | |
| 45 | 675 | 1.4 | | | | |
| 2.13 | 33 | .18 | .02 | 4.1 | | |
| 18 | .09 | 1.3 | .77 | 945 | 3.2 | 88 |

PAGE 38: **Puzzle Time**



PAGE 39: **Time for a Laugh**

- | | | |
|-------------|-------------|---------------|
| 2. (L) 2.38 | 6. (C) 5.67 | 10. (M) 53.7 |
| 3. (E) 5.52 | 7. (N) 4.65 | 11. (H) 0.08 |
| 4. (V) 0.21 | 8. (S) 4.4 | 12. (E) 20.53 |
| 5. (W) 4.4 | 9. (T) 0.25 | |

Riddle Answer:

T W E L V E M O N T H S
1 5 3 2 4 12 10 6 7 9 11 8

PAGE 40: **Get Cracking!**

- Number of pieces =
- $\frac{1}{5}$ weight
 - $\frac{1}{4}$ of square footage
 - $\frac{1}{3}$ age
 - $\frac{3}{4}$ size of monitor in inches
 - $\frac{3}{5}$ of height
 - $\frac{7}{8}$ of size
 - $\frac{2}{3}$ number of panes overall

PAGE 41: **Balloon Journey**

- yellow traveled $580 + 435 = 1,015$ miles
- purple traveled $234 + 156 = 390$ miles
- green traveled $702 + 546 = 1,248$ miles
- orange traveled $693 + 594 = 1,287$ miles
- blue traveled $714 + 119 = 833$ miles
- white traveled the farthest:** $820 + 656 = 1,476$ miles
- black traveled $368 + 322 = 690$ miles
- pink traveled $125 + 50 = 175$ miles
- silver traveled $600 + 100 = 700$ miles

PAGE 42: **Fraction Action**

The answer is $\frac{1}{3}$.

Start	24	72	108	144	216	648
			$\frac{1}{8}$ is out			822
				$\frac{1}{4}$ is out		852
1,512	1,500	1,392	1,296	1,200	1,050	924
1,776			$\frac{1}{6}$ is out			
1,806						
1,920	2,028	2,061	2,343	2,586	3,435	4,356
						Finish

PAGE 43: **Out of This World**

- LCD = 45, 14, 42, 36, 20; PLUTO
- LCD = 48, 56, 45, 36, 42, 48, 56; NEPTUNE
- LCD = 10, 12, 36, 42, 60, 48; SATURN

PAGE 44: **Improper Ages**

- | | |
|------------------------|------------------------|
| Algie— $5\frac{1}{2}$ | Elbie—12 |
| Rusie— $3\frac{4}{9}$ | Matia— $2\frac{1}{2}$ |
| Oma— $3\frac{3}{5}$ | Hecta— $4\frac{6}{11}$ |
| Newtie— $3\frac{1}{2}$ | Octo— $4\frac{1}{2}$ |
| Lola— $7\frac{1}{2}$ | Velo— $6\frac{1}{2}$ |

The oldest citizen is Elbie who is 12.

The youngest is Matia who is $2\frac{1}{2}$.

In two years Algie will be $\frac{15}{2}$ on Numerdenominaria and $7\frac{1}{2}$ on Earth.

PAGE 45: **Everything Must Go!**

Evenly divisible by	Price after sale
2. 22, 29	\$350
3. 14	\$525
4. 12, 15, 20	\$520
5. 12, 15, 20	\$560
6. 27	\$408
7. 20	\$310
8. 13	\$780

Dry 'N White 1400

PAGE 46: **Get With the Team**

Total votes	Percentage that voted yes	Did it pass?
2. 17	45%	No
3. 29	76%	Yes
4. 31	82%	Yes

Answers

PAGE 47: *Dino Bone Zone*

Percentage of skeleton that is complete

- 249/480 bones = 52% complete 6
- 10/18 bones = 55% complete 5
- 185/445 bones = 42% complete 7
- 56/455 bones = 12% complete 8
- 356/377 bones = 94% complete 1
- 297/351 = 85% complete 3
- 176/271 = 65% complete 4

PAGE 48: *Milk Money*

- Jacob—14 days ($\$10.95 \div .80$)
- Louis—50 days ($\$17.50 \div .35$)
- Molly—50 days ($\$20.00 \div .40$)
- Ralph—106 days ($\$26.47 \div .25$)
- Rosita—120 days ($\$59.99 \div .50$)
- Tyrone—21 days ($\$15.75 \div .75$)
- Karen—217 days ($\$65.00 \div .30$)

PAGE 49: *Money Matters*

- chocolate (\$10.80) more than gum (\$10.29)
- apples (\$7.50) more than bananas (\$7.00)
- pasta (\$13.08) more than soup (\$8.90)
- lettuce (\$26.00) more than cucumbers (\$20.70)
- batteries (\$59.85) more than bulbs (\$48.07)
- running shoes (\$126.00) is more than shirts (\$110.25)
- party dresses (\$195.00) is more than ties (\$189.00)

PAGE 50: *Find Your Way Out*

One kilometer is 1,000 meters, which is a little less than a mile (.62 of a mile, to be exact.) The total number of meters walked must be divided by 50, because the explorers will drop one item every 50 meters.

- Jesse—yes; 3 km = 3,000 meters
 $3,000 \div 50 = 60$ items needed
- Warner—no; 2 km = 2,000 meters
 $2,000 \div 50 = 40$ items needed
- Mara—yes; 2.5 km = 2,500 meters
 $2,500 \div 50 = 50$ items needed
- Brianne—yes; 1,000 meters
 $1,000 \div 50 = 20$ items needed
- Sylvia—no; 4 km = 4,000 meters
 $4,000 \div 50 = 80$ items needed
- Tomas—no; 7 km = 7,000 meters
 $7,000 \div 50 = 140$ items needed
- Alex—yes; 1.25 km = 1,250 meters
 $1,250 \div 50 = 25$ items needed
- Jud—no; 2.75 = 2,750 meters
 $2,750 \div 50 = 55$ items needed
- Nathan—no; 1.5 km = 1,500 $\div 50 = 30$ items needed
- Livia—no; 3.5 km = 3,500 $\div 50 = 70$ items needed

PAGE 51: *Guess Your Best*

- 5678 5. 79762
- 96714 6. 47757
- 37162

PAGE 52: *Mark and Darcy's Game*

- 15, 18
- 15, 17, 18 or 20, 15, 15
- 25 twice; or 20, 30; or 15, 35
- no, the highest he could get in 3 tosses with no bull's eye is 120
- yes, because no two numbers on this board could add up to 95
- 17, 27, 37 or 33, 33, 15

PAGE 53: *On the Wall*

- five years from 2000–2005
- 2001: Sandra; 2002: Sandra; 2004: Noah
- 2000: Sandra; 2003: Alison; 2005: Nick
- Sandra
- ten inches
- Nick
- eight inches
- Sandra grew seven inches from 2000 to 2001.
- Nick and Alison. Nick didn't grow from 2000 to 2001 or from 2004 to 2005. Alison didn't grow from 2002 to 2003.
- Sandra because she grew the most, 16 inches, in five years.

PAGE 54: *Speed Readers*

- 16 chapters over 7 days
- Scott, Thursday
- Grant, Tuesday
- Barry, 9, Thursday
- Monday, Grant
- Grant, Sunday
- Lois, 10
- Barry, Saturday
- Tuesday, 7
- Monday, 22

PAGE 55: *Think Inside the Box*

Key: full = a, three-fourths = b, half = c, one-fourth = d, not begun = e

- | | |
|---|---|
| e | b |
| b | a |

 - one
 - two
 - none (to be half made, exactly two of the four lines of the box must be there)
 - none
 - one

- | | | | |
|---|---|---|---|
| d | a | d | c |
| d | c | b | d |
| c | c | b | d |
| c | c | a | b |

 - sixteen
 - two
 - three
 - six
 - five
 - None

PAGE 56: *In Search of Numbers*

- 2 3. 74 5. 456
- 13 4. 86 6. 108

PAGE 57: *Alien Phenomenon*

	Total number of hands	Inside or outside the asteroid belt
2. Sunev	3	inside
3. Rucremy	4	inside
4. Smar	7	outside
5. Retipuj	5	outside
6. Rutans	1	inside
7. Sunaru	2	inside
8. Enutpen	6	outside
9. Otulp	7	inside

PAGE 58: *One-Hit Wonder*

- 1992 6. 1988
- 1983 7. 1995
- none 8. none
- 1984, 1986 9. 1990
- none

Answer: 1989

PAGE 59: *Break the Code!*

The code (Rebmun number = Earth number):

$$0 = 5 \quad 2 = 3 \quad 4 = 1 \quad 6 = 2 \quad 8 = 7$$

$$1 = 6 \quad 3 = 9 \quad 5 = 8 \quad 7 = 0 \quad 9 = 4$$

- $9 + 0 = 9$
- $4 + 4 = 8$
- $1 + 6 = 7$
- $0 + 0 = 0$
- $4 + 3 = 7$
- $5 + 2 = 7$
- $8 + 1 = 9$
- $2 + 0 = 2$
- $8 + 8 = 16$

PAGE 60: *Oops, Wrong Number*

- 852-4419
- 541-1632
- 352-3911
- 288-2648
- 666-6667
- 650-7997
- 235-5799
- 415-4444
- 723-1651
- 453-4231

ANSWERS

Page 6: Not Your Usual Crossword
Across: 5. sphere (orb) 7. to prevent something (foil) 8. mythical creature (elf) 10. not take part in (exempt)
Down: 2. hot breakfast (oatmeal) 3. a group of three (trio) 4. regular (normal) 6. a secret plan (plot) 9. transmit document by phone line (fax)

Page 7: Can You Smell a Rat?
 The following words aren't real:
 1. polkera 2. kloogus 3. Scotzygan
 4. gundeel 5. siltic 6. rodotophobia

Page 8: The One Word
 Center column spells somnambulist:
 sheets, snooze, dream, snore, nap,
 pajamas, blanket, shuteye, pillow,
 midnight, sleepy, bedtime
 A somnambulist is a person who
 walks in his sleep.

Page 9: You're Breaking Up
 Smaller words are as follows:
 1. robe/doll 2. pail/near
 3. ghost/mine 4. wasp/rods
 5. tour/stub 6. sew/theater
 7. bust/rout 8. snake/flow.

Page 10: The Name Game
 2. Velocity 3000 3. Provincial Travel
 4. *Jester's Handbook* 5. Tranquility
 Inn 6. Etiquette 7. Mosaic 8. Resonate
 Hall 9. Luminous Gel 10.
 Microscopasaurus

Page 11: Jumbled and Incomplete
 2. d - dream, drizzle, distant
 3. o - globe, rainbow, journey
 4. b - beach, brave, boring
 5. i - milk, winter, bicycle
 6. c - comet, carrot, creature
 7. j - joke, jungle, juggle
 8. w - crow, answer, whisper

Page 12: Rhyme With Reason
 1. d, z - doze 2. g, p - grape 3. b, d,
 g, d - bodyguard 4. b, z - blaze 5. v,
 g, t, b - vegetable 6. v, d - invade
 7. t, g, t - target 8. d, v, c - advice
 9. g, z - gauze 10. d, p, t - depart

Page 13: Fall Back or Spring Ahead?
 2. stalactite 3. feeble 4. hemisphere
 5. transparent 6. accomplice 7. brine
 8. a cappella 9. diminutive
 10. duckbill

Page 14: Letters on the Run
 1. oasis 2. eerie 3. icicle 4. rewind
 5. orchard 6. protect 7. hammock
 8. envelope

Page 15: EE-ther OAr
 3. no (feet yes, foat no) 4. no (meen
 no, moan yes) 5. yes (seer and soar)
 6. yes (fleet and float) 7. yes (meet
 and moat) 8. no (seed yes, soad no)
 9. no (sleet yes, sloat no) 10. yes
 (beet and boat) 11. no (reer no, roar
 yes) 12. no (teer and toar) 13. yes
 (seek and soak) 14. no (peek yes,
 poak no) 15. yes (creek and croak)

Page 16: Four Squares
Grid 1: jackal, koala, llama, muskrat;
 should *not* be circled: eel, lobster,
 snake, wasp
Grid 2: chapter, page, preface, spine;
 should *not* be circled: bookmark,
 library, shelf
Grid 3: Bolivia, Chile, Ecuador,
 Uruguay; should *not* be circled: Cuba,
 France, India
Grid 4: emerald, jade, kelly, olive;
 should *not* be circled: crimson, ebony

l o b s t e r u
 o v i w a v k e
 s l t w l o o e
 t l j a c k a l
 r a b a r p l p
 i m u s k r a t
 c a h s n a k e
 h z e o w a s p

b g s h e l f l
 o o l s d a s i
 o m o v i e p b
 k b m a s j i r
 m n y p l e n a
 a c h a p t e r
 r a d g u c v y
 k p r e f a c e

q e c u a d o r
 f y p r w e x c
 r t c u b a i h
 a o i g h u n i
 n l y u g o d l
 c i z a i r i e
 e o u y f a a y
 b o l i v i a i

c v i k e i b o
 r e m e r a l d
 i z c l f l n t
 m a z l u b e h
 s v h y j l b e
 o h o r a g o x
 n e a w d s n i
 o l i v e a y p

Page 17: Out Of Here!
 2. pavement (9 / weapons) 3. palette
 (8 / bodies of water) 4. bog (7 / com-
 munities) 5. creek (3 / big cats)
 6. triathlon (10 / three-dimensional
 objects) 7. puma (5 / wet areas of
 land) 8. catapult (2 / painting terms)
 9. hamlet (4 / road surfaces)
 10. shin (1 / track and field events)

Page 18: Say What?
 Correct answers from word find are
 as follows with dummy answers in
 parentheses:
 1. fourteen (twelve, forty) 2. clavicle
 (femur, sternum) 3. brackets (paren-
 theses) 4. bovine (canine, ursine)
 5. czar (king, pharaoh) 6. typhoon
 (tornado, whirlpool) 7. spiders
 (heights, dark) 8. thrice (no dummy
 answers)

WORD FIND

R	O	W	H	I	R	L	P	O	O	L	D	T	X
A	P	S	T	E	R	N	U	M	S	U	A	Y	O
Z	L	T	O	M	A	B	T	I	A	V	R	P	E
C	P	E	R	U	B	E	H	J	N	F	K	H	L
T	H	K	N	F	O	U	R	T	E	E	N	O	C
W	A	C	A	T	V	R	I	L	F	M	P	O	I
E	R	A	D	R	I	S	C	D	U	U	A	N	V
L	A	R	O	W	N	T	E	E	R	R	I	T	A
V	O	B	S	R	E	D	I	P	S	O	S	H	L
E	H	E	F	O	R	T	Y	K	I	N	G	A	C
H	E	I	G	H	T	S	C	A	N	I	N	E	U
A	I	P	A	R	E	N	T	H	E	S	E	S	I

Page 19: Change Is in the Air
 2. house 3. noon; 4. dinner
 5. sideways 6. smashed 7. window
 8. book 9. people 10. strange 11. pen
 12. reward.

Page 20: Definition Plugs
 2. language 3. symphony 4. ground
 5. produce 6. instrument 7. pencil
 8. seize 9. period 10. grammar
 11. young 12. grasp 13. farm
 14. orchestra 15. music

Page 21: E-ttachments

H. Jan.

Sorry I took me so long to write back. My family just got back from a trip to Lake Erie. We rode through New York, Pennsylvania, and Ohio and ended up in the great state of Michigan. My parents have been there in the past but my sister and I never have. One of the most spectacular things we saw was a huge migration of birds over the water. We stayed up late the whole week. The sky was so clear you could see a star in any direction. It could get very cold, worse than sitting next to an air conditioner vent. Sometimes we would sit on a bench at the shore and hug each other to stay warm! Once we saw some motion in the water and thought we saw the fin of some large animal, but it was just a breeze blowing over the surface. It was dusk and the daylight was so dim that you couldn't blame us for it! It was nice to be someplace where you can hear gentle waves lapping all night. There were a ton of people on vacation there, though the crowd included a whole unit of police officers. They were having some kind of conference. I stood next to one of them in line at the buffet and she asked if I was having a good time. Of course, I said yes. She looked at my plate of food and quipped, "I know you'd say that—I've never seen so much food on such a small plate. Where does a small, bony person like you fit all of that food?" I laughed so much that I dropped my fork, and I rang when it hit the floor. I must have looked so clumsy to her.

You should definitely go sometime!

Your friend,
Tim

Jan (Jane); to (toe); trip (tripe); Erie (erie); we (ewe and wee); rode (erode); the (thee); state (estate); past (paste); migration (emigration); late (elate); star (stare); very (every); than (Ethan); vent (event); sit (site); on (one); at (ate and eat); hug (huge); motion (emotion); fin (fine); dim (dime); us (use); for (fore); be (bee); can (cane); ton (tone); unit (unite); yes (eyes); quipped (equipped); bony (ebony); rang (range); her (here); go (ego); Tim (time)

Page 22: One Word, Two Words

2. light (luminous, spectrum), house (abode, domicile) 3. gold (bullion, karat), fish (cod, grouper) 4. flower (orchid, geranium), pot (cauldron, wok) 5. bed (trundle, futon), rock (slate, obsidian) 6. red (crimson, rouge), head (cranium, noggin) 7. play (frolic, romp), mate (partner, associate) 8. under (beneath, underneath), take (get, secure)

Page 23: Inside Information

2. g (coin/fountain) 3. h (pupil/eye) 4. f (pig/sty) 5. a (helium/balloon) 6. b (cereal/pantry) 7. c (assets/vault) 8. d (rake/shed) 9. n (license/wallet) 10. l (arrow/quiver) 11. k (battery/flashlight) 12. m (mercury/thermometer) 13. j (lint/dryer) 14. o (reflection/mirror) 15. i (message/bottle)

Page 24: Double the Fun

2. yes 3. no; spelling wrong; Egypt 4. yes 5. no; spelling wrong; Mississippi 6. no; both wrong; Everest is highest mountain; correct spelling is Kilimanjaro 7. no; spelling wrong; Juneau (Alaska) 8. no; geography wrong; Beijing 9. yes 10. no; geography wrong; Northern Ireland

Page 25: It All Adds Up

1. meter 2. decimal point 3. Celsius 4. seventy-five 5. octagon 6. thousand

I	C	T	D	M	O	E	I	I	T
P	V	U	E	E	S	F	M	L	C
C	T	N	N	T	N	T	D	E	O
E	G	V	N	O	B	E	R	A	T
E	A	H	S	A	A	S	B	R	H
L	Y	U	I	S	D	N	U	O	S

Mystery Question

What is a number that is subtracted from another number called?

Answer: Subtrahend

Page 26: Blue Moon

1. blue 2. moon (Jupiter) 3. moon (Mars) 4. blue; 5. blue 6. moon (Pluto) 7. blue; 8. blue 9. moon (Uranus) 10. moon (Saturn)

Page 27: The Class Is All Ears

1. feet 2. tongue 3. brain or liver 4. ears 5. eyes 6. heart 7. lungs 8. teeth

Page 28: State of the Art

1. Kentucky, New Jersey 2. Delaware, Florida, Georgia, Hawaii, Louisiana, Pennsylvania, Rhode Island, Utah 3. Ohio, Iowa, Maine 4. Alabama, Alaska, Arizona 5. Arkansas (Kansas), West Virginia (Virginia) 6. Idaho, Indiana, Iowa, Oklahoma 7. Hawaii, Idaho, Maine, Utah 8. Georgia, Kansas, New York, Texas, Utah, Vermont 9. Connecticut, Illinois, Massachusetts, Minnesota, Mississippi, Missouri, Pennsylvania, Tennessee 10. Florida, Rhode Island, Wyoming 11. Nebraska, Nevada, North Carolina, North Dakota 12. Hawaii, Tennessee

Page 29: All Mixed Up

(Chart 1) Category 1: Outside the body – thumbnail, eyelash, scalp, temple; Category 2: Inside the body – capillary, esophagus (Chart 2) Category 1 – U.S. Presidents: Jefferson (Thomas), Reagan (Ronald), Wilson (Woodrow); Category 2 – Famous Inventors: Edison (Thomas), Carver (George Washington), Wright (Orville) (Chart 3) Category 1 – Valleys: canyon, gorge, ravine; Category 2 – Peaks: mountain, hilltop, crest

Page 30: Earth, Wind, and Fire

1. topsoil (earth) 2. inferno (fire) 3. tide (water) 4. cultivate (earth) 5. cloud (air or water) 6. combustible (fire) 7. dew (water) 8. oxygen (air or fire) 9. atmosphere (air) 10. ember (fire) 11. condensation (water) 12. arid (earth) 13. altitude (air) 14. molten (fire) 15. crust (earth)

Page 31: From This to That

1. Words should be in order from the *smallest in area* to the *biggest in area* as follows: town, city, county, continent, hemisphere
2. Words should be in order from *earliest time period* to *most recent time period* as follows: Neanderthal, Roman Gladiator, Viking, medieval knight, Pilgrim
3. Words should be in order from *least in amount* to *greatest in amount* as follows: dozen, score, gross, million, billion

Page 32: Amazing Science

space: black hole, constellation, supernova; *weather*: monsoon, precipitation, cumulus; *geology*: stalactite, magma, ore; *animal life*: herbivore*, primate, artery; *plant life*: kelp, nectar, chlorophyll; *microscopic world*: atom, amoeba, protozoa
If students have different answers, have them explain why. For example, a herbivore is an animal that eats plants, so this word could also be under plant life.*

Page 33: A Happy Marriage

Word that can be attached to the *end*:
2. thing (everything, nothing, something) 3. room (bedroom, bathroom, storeroom) 4. place (fireplace, workplace, birthplace) 5. ware (software, kitchenware, giftware) 6. line (borderline, beeline, online)
Word that can be attached to the *beginning*:
1. base (baseball, baseline, baseboard) 2. water (waterproof, watercolor, watermelon) 3. short (shortbread, shortcut, shortstop) 4. play (playground, playpen, playmate) 5. star (starfish, stargaze, starstruck) 6. up or down (upstairs/downstairs, upside/downside, upbeat/downbeat)

Page 46: Word Works

Words formed and definitions (in parentheses) are as follows:

1. comfort (the feeling of being relaxed and free from pain and worry)
2. poetic (having the qualities of poems)
3. violence (the use of physical force)
4. exit (to leave or go out)
5. public (something that belongs or can be used by everybody)
6. combine (to join or mix two or more things together)
7. absence (the state of being away or not present)
8. exhaust (the waste gases produced by the engine of an automobile)
9. exceed (to be greater or better than something else)

Your Turn: ex - out; com - with; ence - state or quality of; ic - relating to

Page 47: ZIP It

f	w	q	z	h	s
o	b	n	y	u	e
u	x	b	d	h	y
x	k	f	c	i	u
s	m	p	j	b	r
c	s	h	o	w	v
u	e	s	m	y	e
f	k	n	x	t	p
f	d	l	b	q	s
a	j	n	w	f	u

ZIP = Zone Improvement Plan

Page 48: Keep It Short

3. apartment - apt.
4. Wednesday - Wed.
6. officer - off.
10. producer - prod.
11. singular - sing.
12. literature - lit.
14. Maine - ME
15. Reverend - Rev.

Page 49: Acronym or Not?

4. asap: as soon as possible
5. radar: radio detecting and ranging
8. pin code: personal identification number
10. yuppie: young urban professional
11. laser: light amplification by stimulated emission of radiation
13. modem: modulator/demodulator
16. swat: special weapons action team

Page 50: Collecting Compounds

backfire, firehouse, fireman, flash-back, flashlight, headlight, lifetime, lighthouse, nightlife, night-light, nighttime, backlight, headboard, backboard, backfire, outback, outhouse, time-out If students found others, have them share with their classmates!

Page 51: All About Analogies

2. go; 3. told
 4. toe
 5. spoon
 6. orchard
 7. japan
 8. hive
 9. column
 10. sun
 11. arrow
- Bonus: hurricane (yolk is the center of an egg, eye is the center of a hurricane)

Page 52: One Word, Two Meanings

2. roll
3. book
4. cast
5. spot
6. well
7. raise
8. fan; 9. bear
10. star
11. fluke
12. wound

Page 53: E-mail Order

Correct alphabetical order is as follows:

- m10@cyberplanet.com
- mm01@cyberama.com
- mmo1@cyberzoo.com
- mm12@cyberscape.com
- mm12@cyberspaceship.com
- mz@cyberfuse.com
- mmm123@cybertek.com
- mmm1234@cybertek.com
- mnm1@cyberquak.com
- mnm1@cyberstorm.com
- mnn02@cybercafe.com
- mon02@cyberinc.com
- moo01@cyberocity.com
- moo1@cybersimple.com
- moo1@cybershow.com

Page 54: Alphabetical Anarchy

2. third letter
3. fourth letter
4. sixth letter
5. ninth letter
6. fifth letter
7. second letter
8. seventh letter
9. third letter
10. first letter

Page 55: Pages From the Dictionary

- The following words would not appear between the guide words:
2. kelp
 3. holler
 4. perpetrate
 5. addendum
 6. puppet
 7. disgruntle
 8. white
 9. endless
 10. quibble

Page 56: Fun With Fə net' tiks

Phonetic matches should be as follows (phonetic spelling is in parentheses): **Grid 1** - phony (fō' nē); phone (fōn); fan (fan); fine (fīn); funny (fun' ē) **Grid 2** - story (stōr' ē); stir (stūr); store (stōr' ē); starry (stār' ē); stare (stār) **Grid 3** - herb (ûrb); hair (hâr); hire (hī r); hero (hēr' ō); hairy (hâr' ē)

Source: Phonetics taken from *Microsoft Bookshelf 2000*

Page 57: Dots in the Wrong Place

1. as·sem·bly
2. au·di·to·ri·um
3. caf·e·te·ri·a
4. el·e·men·ta·ry
5. ex·am·i·na·tion
6. grad·u·a·tion
7. gym·na·si·um
8. prin·ci·pal
9. e·lim·i·nate
10. hi·er·o·glyph·ics
11. pe·di·a·tri·cian
12. cho·re·og·ra·pher
13. re·con·sid·er
14. met·a·mor·phic
15. so·phis·ti·ca·ted

Page 58: Syllable Wizardry

1. n: e·ven, 2. a or y: a·sleep, sleep·y
3. n, a, or r: ris·en, a·rise, ri·ser
4. e: e·rode
5. o: ro·de·o
6. y: man·y
7. a: a·re·a
8. t, f, or c: ta·ble, fa·ble, ca·ble
9. l: cam·el
10. o: ca·me·o

If students found other answers, great! Have them share them with the class.

Page 59: Alphabet Soup

ampersand; apostrophe; asterisk; bracket; parenthesis; question mark; quotation mark; semicolon; seven hundred eighty-nine; thirty-six; two hundred fifty-eight; zero

Page 60: First Words

According to *Random House Webster's College Dictionary*, the following words should be circled because they came into use first in the English language:

1. oven
2. bicycle
3. clock
4. monkey
5. snowball
6. fingerprinting
7. adobe
8. noun
9. song
10. sorceress
11. baseball
12. black

Page 19: **Sentence the Make**

The correct order is as follows:

1. My dog barks at passing cars.
2. You have a nice family.
3. The penguins are the newest animals at the zoo. ALSO ACCEPTABLE: At the zoo, the penguins are the newest animals.
4. Speak louder so everyone can hear you.
5. My grandfather was a boy when he got this clock. ALSO ACCEPTABLE: When he got this clock, my grandfather was a boy.
6. I'm better at math than I was last year.
7. Thank you for being a good friend.
8. The pitcher gave us free tickets to the next game.
9. My father's dream for me is to be an air force pilot.
10. Frank's shirt was as wrinkled as a raisin.

Page 20: **Places Trading**

1. splattered
2. milk
3. magazines
4. caught
5. umbrellas
6. show
7. urge
8. telescope
9. book
10. pizza

Page 21: **Three Likes and You're Out**
Adele didn't strike out. She used "like" incorrectly exactly three times, so she just made the grade. Correct uses are in boldface and incorrect uses are circled.

Unlike the rest of my family, I never **liked** camping much—until this summer. I was forced to go on a three-day hiking and camping trip. Of course I expected it to be, like, the worst weekend of my life. I tried to get out of it but my mom didn't **like** that very much. "**Like** it or not, you are coming on this trip!" she said, smiling.

Once there, I started to feel differently. The forest had such a fresh scent, **like** nothing else I've ever smelled. I **liked** the sound of the babbling brooks. Every so often we sat on rocks to rest. Once, one of the rocks was, like, hot as if it had been in a fire—my dad jumped up as soon as he sat down!

At night, everything was so tranquil. When I heard a strange rustling noise in nearby bushes, I was, like, a little afraid, but it soon went away. We all slept very peacefully. A year ago I **disliked** camping, but now I say there is nothing **like** spending a warm night under the stars.

Page 22: **Turn! Run! Break! Fly!**

The best pair of matches are as follows:

1. **turn** on shower; turn into driveway, turn up volume, turn over blanket
2. **run** through choices; run over nails; run up stairs; run across mistakes
3. **break** into laughter; break down wall; break up mob; break through ice
4. **fly** off handle; fly in style; fly into sunset; fly by night

Page 23: **Language Arts Smarts**

The following should be crossed out:

1. cower (Cower is a verb.)
2. goose (should be lower case since the portion following the colon isn't a complete sentence.)
3. correct
4. comma (The comma is a punctuation mark.)
5. Viking (Viking should be capitalized because it is a proper name.)
6. except for the letter Y (Y can serve as both a vowel and a consonant.)
7. correct
8. serialized, anesthetized (Serialized and anesthetized don't refer to milk.)
9. I (I isn't a consonant)
10. correct

Page 24: **One Letter Short**

The following underlined letters in boldface are missing from these words and should appear in the right-hand column of the chart:

1. jackals
2. route
3. Jurassic
4. citizens
5. except
6. Jittery
7. bazaar
8. bookkeeper

Page 25: **A Misspell Spell**

2. Open 24 Hours (e became a, o became i, u became e)
3. One size fits all (a became u, e became o, i became a, o became e)
4. Please drive carefully (a became e, e became i, i became o, u became a)
5. Anniversary sale (a became o, e became a, i became u)
6. Ticket window (e became o, i became a, o became u)
7. Welcome to our school (e became u, o became i, u became o)
8. Keep your town clean (a became o, e became u, o became e, u became i)
9. Fixed while you wait (a became o, e became u, i became a, o became e, u became i)
10. Work zone (o became a, e became i)

Page 26: **Letter Twins Go Missing**

The following letters are missing and, when added, spell the following words:

1. D—disappeared
2. T—trait
3. N—nation
4. E—escape
5. W—willow
6. M—mainstream
7. R—reviver
8. C—cinematic
9. C—civic
10. D & T—dread, treat
11. K—kayak
12. M—madam

Your Turn: The palindromes are reviver, civic, kayak, and madam

Page 27: **Strange Spelling Bee**

Correctly spelled words and ranks are as follows:

- dunjeon: dungeon, 4th letter
- absense: absence, 6th letter
- associatian: association, 10th letter
- governer, governor, 7th letter
- correspondance, correspondence; 11th letter
- emphibian, amphibian, 1st letter
- environmentul, environmental, 12th letter
- thesauris, thesaurus, 8th letter
- boomarang, boomerang, 5th letter
- chlorophill, chlorophyll, 9th letter
- nessary, necessary, 3rd letter

Page 28: **Between the Lines**

The following words are spelled correctly: *heyday, yearn, dumbfounded, rancid, naive, drivel, plunder, nymph, lexicon*. They should be inserted into the rows in this order:

P L U N D E R A N C
 I D U M B F O U N D
 E D R I V E L E X I
 C O N Y M P H E Y D
 A Y E A R N A I V E

Page 29: **No Nonsense!**

When you replace the vowels with "o," the following words would be in the blanks:

1. rose (*Floor, word, moon* are words. *Roso* is not.)
2. oboe (*Born, crook, flop* are words. *Oboo* is not.)
3. open (*Most, polo, toll* are words. *Opon* is not.)
4. plant (*Gross, wood, form* are words. *Plont* is not.)
5. snap (*Clock, knock, blob* are words. *Snop* is not.)
6. sent (*Lost, song, pots* are words. *Sont* is not.)
7. trail (*Loop, soy, poor* are words. *Trool* is not.)
8. button (*Roof, most, root* are words. *Botton* is not.)
9. finale (*Noon, rode, stool* are words. *Fonolo* is not.)
10. ugly (*Too, typo, shop* are words. *Ogly* is not.)

Page 30: **Like Two Peas in a Pod**

- riot, root
- seal, soot
- lair, leer, liar
- moot, meat
- duel, deal, dual
- dial
- seep, soup, soap
- tied, toad
- pool, peel, pail
- deed, died, dead
- toil, tail
- mean, moon, main
- seam
- pear, poor, peer
- rear

Page 31: **Animal Spies**

The following animals are hidden if you remove these words in parentheses:

- weasel (narwhal, grasshopper)
- pelican (lion or louse, giraffe)
- gazelle (ibis, armadillo)
- porcupine (moth, anteater)
- cricket (snake, coyote)
- ostrich (toucan, sheep)
- salamander (spider, muskrat or manatee)
- lobster (python, wombat)
- mole (aardvark, fox)

Page 32: **E-I-E-I-O**

These words are formed when you unscramble and add double vowels:

- moon
- seem
- eerie
- igloo
- school
- spooky
- kneeling
- oodles
- skiing
- queen
- hawaii

Page 33: **A Classics Problem**

The following are the original book titles; corrected misspellings in new titles are in parentheses:

- The Cricket in Times Square* (Site)
- Little House on the Prairie* (Residence)
- Where the Wild Things Are* (Well-behaved)
- The Lion, the Witch, and the Wardrobe* (Supernatural)
- Goodnight Moon* (Satellite)
- The Very Hungry Caterpillar* (Appetite)
- The Little Engine That Could* (Locomotive)
- The Snowy Day* (Precipitation)
- The Giving Tree* (Generous)
- Guess How Much I Love You* (Affection)
- The Polar Express* (Arctic)

Page 34: **Double Take**

- bb: bubble
- cc: account
- dd, zz: puddle, puzzle
- ee: jeer
- bb, ff, tt: babble, baffle, battle
- dd, ff: odd, off
- pp, tt, nn: sipping, sitting, sinning
- ll, nn, rr, ss, zz: fully, funny, furry, fussy, fuzzy
- ee, oo: peel, pool
- bb, gg, rr: ebb, egg, err

Page 35: **Letter Lottery**

The following correct letters form these words:

- K, speak or peaks
- R, chore
- E, maple or ample
- N, wrong or grown
- S, flash
- L, spill or pills
- R, color
- V, drive
- G, gargle

Page 36: **Pieces of Pie**

- k/ey li/me or pu/m/pk/in
- bl/ue/be/rr/y or st/ra/wb/er/ry
- Bo/st/on cr/e/am
- k/ey li/me or pu/m/pk/in
- bl/ue/be/rr/y or st/ra/wb/er/ry

Page 37: **Double Check**

Misspelled words the computer missed are as follows:

- mussel/muscle; pride/pried
- lesson/lessen
- rein/reign
- yolks/yokes
- stationery/stationary; knead/need
- turns/terns
- finned/fin
- peace/piece; medal/metal
- complement/compliment
- currents/currents; sent/scent
- core/corps; moor/more

Page 38: **Word Magic**

- garden, danger
- deer, reed
- ocean, canoe
- keep, peek
- react, crate
- stone, notes
- net, ten
- ignore, region
- rats, star

p	v	b	o	l	e	g	e	n	d	a		
h	f	a	f	o	o	t	p	x	t			
a		s		f		o	t	p	r	w	c	
n	s	z	f	s	l	e	u	t	h	i	o	
t	t	o	o	e	m	a	g	l	p	s		
o	t		o		n		t	i	h	t	w	
m	a	s	t	r	a	n	g	e	o	n	a	e
	n	d	p	a	t	w	m	s	d	a		
		s	r	p	p	e	p	y			t	
g	m	b	i	t	i	n	p	e	t			
h	a	o	n		j	u		e	o	s	l	
	g	k	t	v		r	o	t	m			
	i	t	w	t	t	t				c		
	e	o	b	w	e	b		s	t	e	r	o
l	e		d	n		s	p	o	o	k	y	

Page 39: **Word Hide**

Page 40: **Rhyme is Reason**

- Group 2:** quiver, river, shiver **Group 3:** pink, sink, wink **Group 4:** snow, crow, foe **Group 5:** four, door or floor, store **Group 6:** tree or pea, bee or flea, knee

Page 41: **A Question of Numbers**

- The following phrases contain numbers: 1. cat has **nine** lives 3. **Two** heads are better than one 5. **seven** wonders of the world 7. **four** corners of the Earth 8. **Two's** company, **three's** a crowd 9. A stitch in time days a week

Page 42: **Youth Sleuth**

- Card 1:** Seth **Card 2:** Julia **Card 3:** Randi **Card 4:** Darren **Card 5:** Dara **Card 6:** Mike

Page 43: **The Million-Dollar Question**

- a. 2 points, b. 1 point, c. 3 points
- a. 1 point, b. 2 points, c. 3 points
- a. 3 points, b. 1 point, c. 2 points
- a. 3 points, b. 2 points, c. 1 point
- a. 2 points, b. 3 points, c. 1 point
- a. 2 points, b. 1 point, c. 3 points
- a. 2 points, b. 1 point, c. 3 points
- a. 2 points, b. 1 point, c. 3 points
- a. 2 points, b. 3 points, c. 1 point

Page 44: **Anagramania!**

- bread
- deer
- a kite
- Jason
- a gerbil
- gray
- citrus
- Lynne
- an oar
- smile

Page 45: **It's Raining Cats and Dogs**

- dog; i
- cat; e
- horse; h
- monkey; j
- duck; c
- beaver; b
- worm; f
- fish; a
- goose; g
- ant; d

Your Turn: "It's raining cats and dogs," means it's raining very hard.

Page 46: **Try This, Mate!**

- d
- m
- n
- k
- f
- b
- l
- j
- c
- o
- h
- e
- a
- g
- i

Page 47: **Word Twister**

- j
- h
- i
- a
- c
- g
- d
- a
- f
- e
- e

Page 48: **In Hiding**

- 2nd letter: grape
- 1st letter: Halloween
- 3rd letter: orange
- 5th letter: Detroit
- 1st letter: cousin
- 4th letter: history
- 6th letter: tiger
- 3rd letter: cupcake
- 3rd letter: tennis
- 2nd letter: autumn

Page 49: **Words in the Round**

- backpack
- nervous
- chapter
- mustard
- castle
- opinion

Page 50: **Crabby Abby**

- gray Monday—Raymond
- can new—Anne
- tell entertaining—Ellen
- mules lie—Leslie
- and rewind—Andrew
- Simon I care—Monica
- howl in darkness—Linda
- comical and—Alan
- den is entirely—Denise

Page 51: Are Fries French?

1. g
2. j
3. h
4. c
5. f
6. i
7. d
8. b
9. a
10. e

Your Turn: Answers may vary.

Page 52: The Inside Story

The following words should appear in the first column 1. *maple* 3. *piles* 4. *races* 6. *broom* 10. *stole* 13. *goal* 14. *voter*

The following words should appear in the second column 2. *bookmark* (because *broom* is hidden inside it); 5. *lighthouse* 7. *government* 8. *slippery* 9. *scarecrow* 11. *logical* 12. *example*

Page 53: Three's Company...

1. crier
2. alarm
3. shady
4. never
5. finger
6. prior
7. pasty
8. renter

Page 54: Animal Scramble

1. bat (behind)
2. frog (jumbled)
3. sheep (ahead)
4. skunk (behind)
5. whale (jumbled)
6. crocodile (behind)
7. monkey (ahead)
8. giraffe (jumbled)
9. beaver (behind)
10. opossum (ahead)

Page 55: On the Double!

Accept all reasonable answers.

Possible answers are:

2. E (places to drive on/both have four letters)
3. F (both are birds/both begin with vowels)
4. K (actions mouths do/both are verbs)
5. A (both are metals/both are two-syllable words)
6. H (both are ways to travel/both rhyme)
7. D (both are colors/both begin with "b")
8. N (both are edible/ both are one-syllable words)

Page 56: Call the Dog

Names That Would Work: Sammy, Sara, Frazz, Rex, Eek, Murky, Rave

Page 57: Top of the Morning!

The following words and phrases can be made with top: top *hat*, top *banana*, big *top*, top *speed*, top *story*, top *ten*, top *floor*, top *dog*, top *drawer*. The words *tap*, *stop*, and *end* should not be circled.

Page 58: Word Train

2. seesaw, worrywart, tinsel, lozenge, especially
3. disco, oblong, grateful, licorice, everywhere
4. spinning, gentle, elf, frozen, nightingale
5. dusk, kennel, loan, nimble, exact
6. dodo, outrageous, slip, pulp, princess
7. sandbar, racquet, tease, elegant, turnstile
8. dentist, tricycle, emblem, mammal, loose
9. writer, react, turtle, eardrum, manipulate, estimate
10. rewind, difficulty, yellow, wandered, donor *or* donor, rewind, difficulty, yellow, wandered *or* difficulty, yellow, wandered, donor, rewind *or* wandered, donor, rewind, difficulty, yellow *or* yellow, wandered, donor, rewind, difficulty

Page 59: All Locked In

The following words should be marked: 1. marry 3. psychic 4. spoon 7. grain 8. blackboard 10. rewind 12. highlight 14. speedometer 16. literally

Page 60: Haunted Words

1. Goths—ghost
2. photojournalism—phantom
3. triskaidekaphobia—spirit
4. interdisciplinary—spirit
6. respiration—spirit
8. striping—spirit
9. respectful—specter
10. photodisintegration—spirit
- ghost
13. thoroughness—ghost
14. spokeswoman—spook