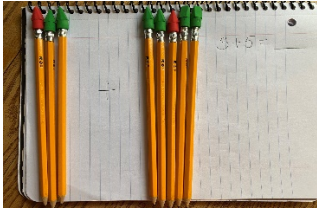# KCS@home

High School
Math Resources

High School Parent Resources Grades 9-12, April 2020

	Monday 6	Tuesday 7	Wednesday 9	Thursday 10	Friday 11
AAD Math Strand	Practice addition and subtraction using a pair of dice: *Single digit practice: Each die represents one number. For subtraction, subtract the smaller number from the larger number. *Multiple digit practice: Roll the dice twice. The first roll will represent the first number, for example, if you roll a four and a two the first number will be 42. Do this twice and then add/subtract.	Addition and Subtraction practice: Use small objects you may find around your house (for example: cans of food, small rocks, pens or pencils, spoons or forks, books or shoes/items of clothing) to practice the following addition or subtraction problems You will need up to ten of one item such as 10 small rocks or 10 pencils. Below are 5 example problems! After you complete these 5 challenges yourself, create 5 more problems on your own. 1. 7+2= ___ 2. 4-3= ___ 3. 5+4= ___ 4. 9-1= ___ 5. 2+4= ___ 6. ___ + ___ = ___ 7. ___ - ___ = ___ 8. ___ + ___ = ___ 9. ___ - ___ = ___ 10. ___ + ___ = ___	Real world problems: Present these problems to your student. Use manipulatives as needed. You have 3 people in your family and one guest is coming for dinner. How many drink cups do you need to have at the table? You have 2 hours to watch TV. Your favorite show is 30 minutes long. How many episodes can you watch? You have 10 friends in your class at school including you. You want to bring everyone a new pencil. The pencils come in packs of 5. How many packs do you need to buy so that each friend can have a new pencil? Pens come in packs of 3. How packs of pens would you need to be sure all your friends could have a new pen? Your family is having a quarantine party and they order 12 cupcakes. You have 8 people in your family. If everyone eats one cupcake how many cupcakes will be left over?	Purchasing Have your student go to the store with a total amount of $10.00 (or whatever you see fit). Using a magazine, newspaper, or the internet, have your student search for and record the prices of grocery items. Once they have completed a list, have your student subtract each item from their starting amount. For example: | Item	Price	Amount left?
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Peanut Butter	$3.80	$6.20
2 pounds of apples	$4.15	$2.05		Purchasing Ask your student to make a figure the amount of money needed to go with you to the gas station to purchase $15.00 worth of gas. She also asked you to buy a bottle of water, and a candy bar. How much money do you need to go into the gas station? |	
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Gas	$15.00
Water Bottle	$1.50
Candy Bar	$2.00	 Total amount of money needed: _____