

# 6th Grade Math Choice Board

## Activities for the Week of May 4, 2020

Listed below are optional ways to keep the learning going any time, any day! Take your pick!

You can always add 30 minutes per day of iReady Math and iReady Reading.

<b>Write a Song</b> Write a song about the coordinate system. Make sure to include origin, axes, coordinates, ordered pairs, y-axis, x-axis.	<b>Multiplication Mix-Up</b> Remove the face cards from a deck of cards. The A=1 and all other cards carry their numerical value. <ol style="list-style-type: none"> <li>Deal each player three cards.</li> <li>Each player must use two of the cards to make a two-digit number.</li> <li>The third card will be the multiplier. (Ex: player draws 1, 5, and 8. He could use 1 and 5 to make 51 and multiply it by 8.)</li> <li>The player with the largest product gets the cards.</li> </ol>	<b>Train Like an Astronaut</b> Astronauts have to physically train before going into space, you can train just like them. Grab a stopwatch (or cell phone) and 5-8 cones. (Don't have cones? Use everyday objects instead.) Place cones to create a path to run through. Start your path from laying down position, then run the course as fast as you can. Record your time below. After resting for a minute, repeat. You can also enlist a family member to run the course with you. You can repeat multiple times in one day, or once a day all week. Then, analyze the data you have collected.
<b>Ratios</b> For each of the following situations, draw a model and write two different ways to write the ratio. <ol style="list-style-type: none"> <li>A farm is selling 4 pounds of peaches for \$5</li> <li>A person walks 5 miles in 2 hours</li> <li>To make paste, mix 3 parts of water with 1 part of flour</li> </ol>	<b>24</b> Each player gets 4 cards. Use the order of operations to make your cards equal as close to 24 as possible. All cards are positive, A=1, J=11, Q=12, and K=13.	<b>Our House</b> You are spending a LOT of time at home these days! Using grid paper, draw out a model of your home. Then, find the area of each room.  Are you feeling more creative?  Draw a model of your DREAM home! In this version, you could add in plenty of rooms for activities to keep you busy during social distancing!

	Trial 1	Trial 2	Trial 3	Trial 4	Trial 5
Time (in seconds)					

Data Analysis:

Fastest Trial: \_\_\_\_\_ Slowest Trial: \_\_\_\_\_ Range: \_\_\_\_\_

Mean Time: \_\_\_\_\_ Median Time: \_\_\_\_\_

Is the mean or median a better description of your agility on this course? Why?

What kind of graph could you use to display this data? Create it!