

Mathematics

Again, this week we will be giving you two tasks. You may complete them both or work on the one that you feel most comfortable with. You also all have prodigy math accounts. Do your best work 😊!

Subtraction with Borrowing

Sometimes when we subtract, we need to borrow from the number to the left to make it all work out properly. See the following website and video for full explanation -

<https://www.mathsisfun.com/numbers/subtraction-regrouping.html> and <https://www.youtube.com/watch?v=Y6M89-6106I>. After viewing this material please try the practice websites listed above.

Division

Division is splitting numbers (or things) into equal parts or groups. It is the result of "fair sharing". See the following website and video for full explanation - <https://www.mathsisfun.com/numbers/division.html> and <https://www.youtube.com/watch?v=KGMf314LUc0>. After viewing this material please try the practice websites listed above.

Math Concept Practice Websites:

Subtraction with borrowing: https://www.abcya.com/games/math_facts_game, <https://www.splashlearn.com/subtraction-games>, <http://www.math-play.com/subtraction-with-regrouping-baseball-game.html>

Division: <https://www.math-play.com/short-division-basketball-game.html>, http://www.math-play.com/Division-Millionaire/division-millionaire-game_html5.html



Grade 4-5
Suggested Work
April 20-24



Language Arts

Again this week we have given you two tasks to complete this week. It does not matter which order you do them in. We look forward to hearing about your results. You are also asked to continue working on your Raz kids accounts.

Letter to self

Write a letter to yourself that could be placed in a time capsule for others to read 10 years from now. Write about how you are feeling and what activities you are doing to keep yourself busy at home.

Word Families

Create as many words as you can that have a common pattern. For example: How many words can you make that end with -ow, -ing, -ate, -ough, etc.

Science

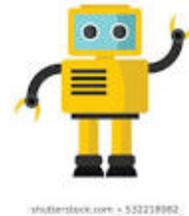
Simple machines are used to make it easier for us to do work. What is a ramp? What is a lever? What is a pulley? Find something in your home that is a ramp, a lever, and one that is a pulley.

[Ramp video](#) [Lever video](#) [Pulley video](#)

Using materials around the house try and create these simple machines.

Art

How to draw a [Robot](#)



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“An investment into knowledge pays the best dividends”

Social Studies

Maps are very useful tools to help us with directions. Your task this week is to create a map of your neighborhood. Be sure to include compass points, a legend, and landmarks. Make your map colorful.

[Map](#)

Physical Education

Turn on calming music. **Stretch your body in different ways** and hold that stretch. Stretch up to the sky. Reach to your toes. Make yourself as wide as possible. Make yourself as small as possible. Twist one way and then the other. Do this for 10 minutes or longer.



SUBTRACTION RULES

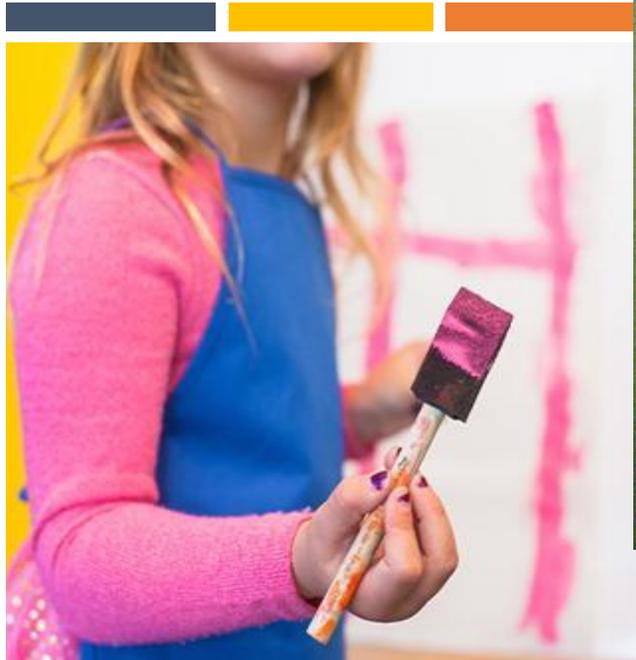
bigger on the bottom? you borrow! →

$$\begin{array}{r} 3 \ 15 \\ 45 \\ - 8 \\ \hline 37 \end{array}$$

more on the top? no need to stop! →

$$\begin{array}{r} 45 \\ - 3 \\ \hline 42 \end{array}$$

number the same? zero's the game! →

$$\begin{array}{r} 45 \\ - 5 \\ \hline 40 \end{array}$$


Division Strategies

1 $12 \div 3 = 4$ Subtract the divisor until you get 0.

Repeated Subtraction of the same number

$$\begin{array}{l} 12 - 3 = 9 \\ 9 - 3 = 6 \\ 6 - 3 = 3 \\ 3 - 3 = 0 \end{array}$$

2 $12 \div 3 = 4$ Turn the divisor into groups (circles). Count how many are in 1 circle to find the quotient.

Circles & Dots

3 $12 \div 3 = 4$ Turn the divisor into stick figures. Count up to the dividend, giving one to each person. Count how many each person has.

One for me, One for you.

4 $12 \div 3 = 4$ Count by the divisor until you get the dividend. Circle that # in a group. Count the circles to get the quotient.

Dividing with an ARRAY