

Math
New Concept: Division.
Relating Multiplication to division:
https://www.youtube.com/watch? $\mathrm{v}=\mathrm{i} 31 \mathrm{rRt5m1-4}$
Multiplication and division are closely related. Just like how subtraction is the opposite operation to addition, division is the opposite operation to multiplication. We have learned that multiplication involves joining equal groups. When we divide, we look to separate into equal groups. Think about division as sharing and how the shares need to be equal.

Multiplication is repeated addition.
Division is repeated subtraction.
Watch this video \& complete the mini quiz on brain pop jr : Username: HES3Kennedy
Password: 3Kennedy2020
https://jr.brainpop.com/math/multiplicationanddivision/ makingequalgroups/

## Try: Math Three Under the Sea.

http://www.learnalberta.ca/content/me3usa/flash/index.html?
Try the multiplication and the division lessons.

Khan academy: Watch the introduction to division video and work through the activities on the website. https://www.khanacademy.org/math/cc-third-grade-math/intro-todivision

Check out the PDF
worksheet titled:

## "Multiplication Strategies 0-

5." Complete the multiplication questions in the worksheet ().)

## After:

Try out the multiplication strategies to complete the attached "color by product - multiplication" worksheet.

Find a partner and play Hop to 500! You choose a number between 1 and 10 . Your partner may either add 10 or 100 to your starting number. Now you add either 10 or 100 to the number your partner said. Continue taking turns, adding either 10 or 100 each time. The player who gets closest to 500 without going over is the winner! Now play again with 1000 as the target number!

## Do: Math Makes Sense

## practice pages:

- Modelling Division
- Relating multiplication and division
- Using arrays to divide

These pages are on the class website

Did you know that skip counting can help you with your multiplication and division facts?

$$
3 \times 4 \text { is } 3 \text { groups of } 4
$$

So, you can skip count by 4 3 times $\rightarrow 4,8,12$

$$
\text { Or } 12 \div 4=3
$$

Skip count backwards 12, 8, 4, 0 - you jumped/ skip counted backwards three times.

Practice skip counting by 2 to 20,3 to 30,4 to 40 and 5 to 50 .

Use a tool to help. When counting by 3 's, start with a pile of 30 pieces of macaroni or some other object. Move groups of 3 from the pile and skip count by $3 s$ as you move them. You can also use them to help you count backwards
What is the missing number in this equation?

$$
25-4=15+
$$

$\qquad$
Create your own equation with a missing number for someone else to solve.
(Remember, an equation must balance. The value on one side of the equal sign must be the same as the value on the other.)

