

The graphic features a large, light grey oval with a thick yellow border. Inside this border is a smaller, light yellow oval. Centered within the inner oval is a yellow symbol consisting of a horizontal bar with two short vertical bars extending upwards and downwards from its center. The text "Division of Larger Numbers" is written across the middle of the inner oval in a black, bold, serif font.

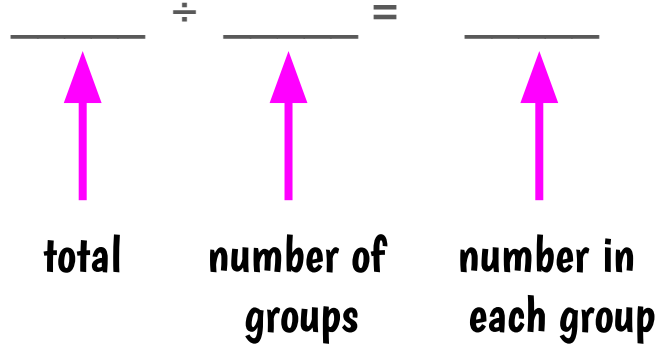
# *Division of Larger Numbers*

# What is division?

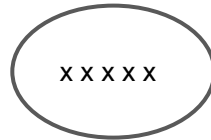
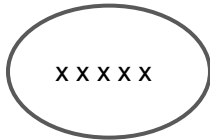
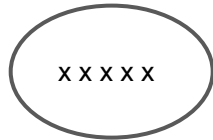
Division lets us separate a number of objects into equal sized groups.

To divide, we need to know the total number of objects.

We also need to know **either** the number of groups **or** the number of objects in each group.




$$15 \div 3 = 5$$




[Division](#)  
[Review](#)  
[Digital](#)  
[Game](#)

# Let's Review with Video Examples




Idea of  
division


$24 \div 3 = 8$

 Khan Academy

$12 \div 3 = 4$

Division  
1



 Khan Academy

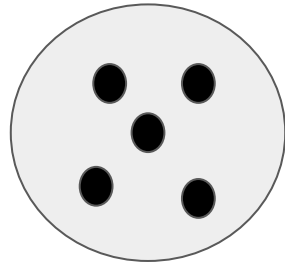
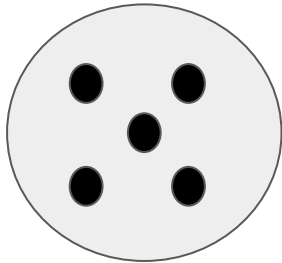
# Making Equal Groups

When we divide, we can solve a question by separating the total into equal groups.

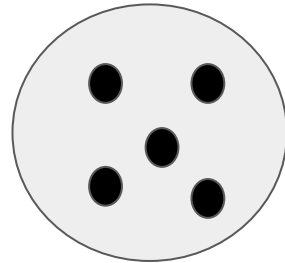
For example:

There were 20 friends and 4 table groups. How many friends at each table group?

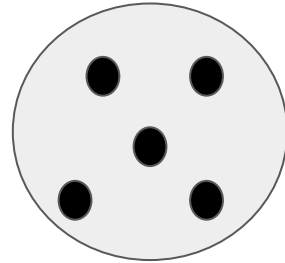
***Think: 20 (total) divided into 4 equal groups***



5, 10, 15, 20



$20 \div 4 = 5$

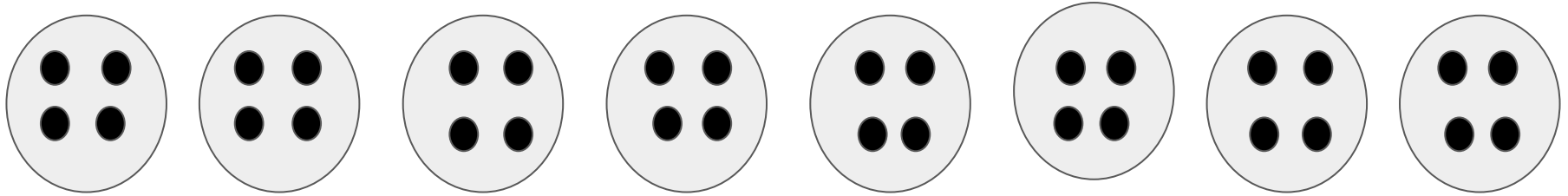


# Practice Examples

I can use pictures to help me solve division.

I have 32 bones that I'm going to give to 8 dogs. How many bones would each dog get?

Remember: give each "dog" their "bone" 1 at a time, until you reach 32.

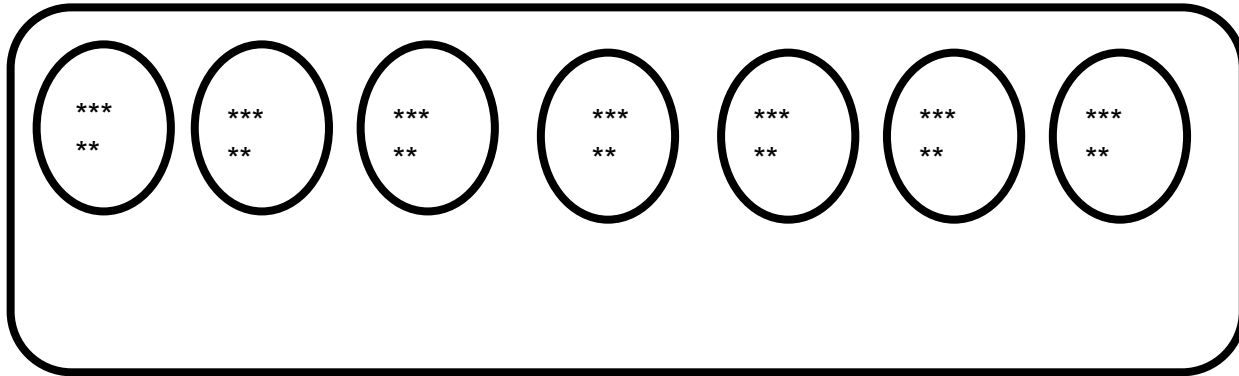


$$32 \div 8 = 4$$

Problem

$$35 \div 7$$

Show as equal groups



Division Sentence

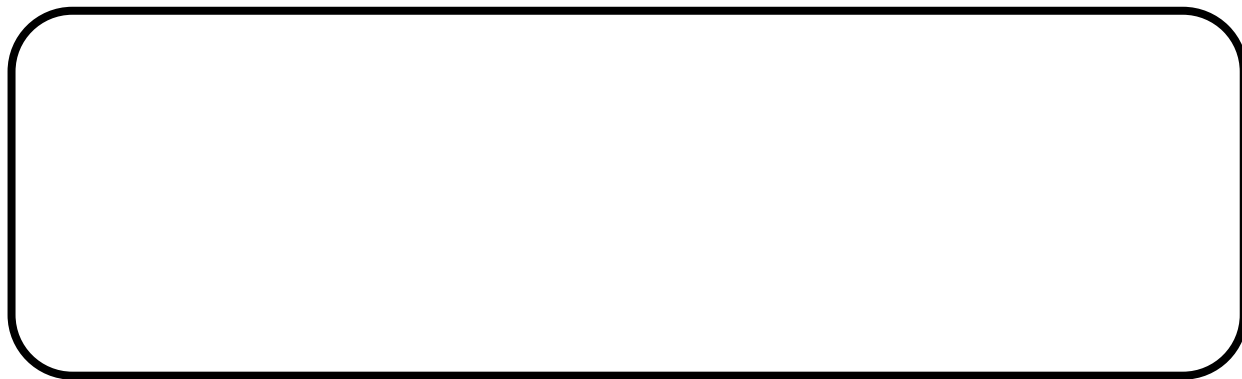
$$35 \div 7 = 5$$

# Now, you try!

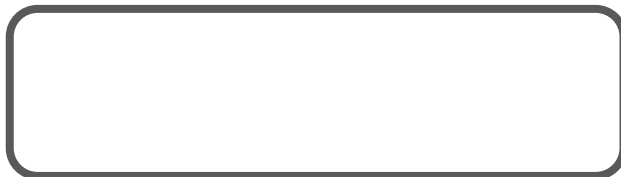
Problem

$$24 \div 4$$

Show as equal groups



Division Sentence

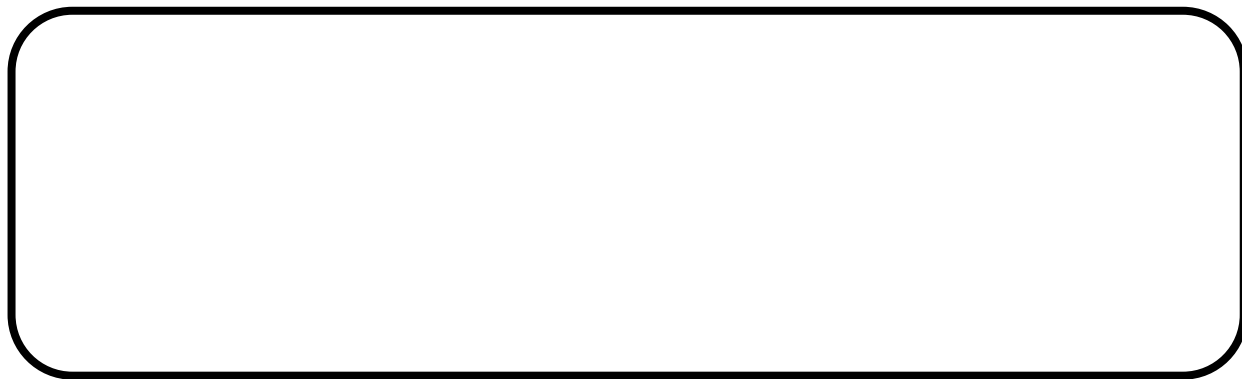


# Now, you try!

Problem

$$21 \div 3$$

Show as equal groups



Division Sentence





## Division Activity - Does It Work?

Can you make equal groups with nothing leftover? Prove each statement.

**Can you share 25 things among 4 people or can you share 20 things among 4 people?**

25 things	4 people	Picture:	Does it work? Yes or No
20 things	4 people	Picture:	Does it work? Yes or No

**Can you share 25 things among 5 people or can you share 15 things among 6 people?**

25 things	5 people	Picture:	Does it work? Yes or No
15 things	6 people	Picture:	Does it work? Yes or No

## Does It Work? Continued

**Can you share 30 things among 4 people or can you share 18 things among 2 people?**

30 things	4 people	Picture:	Does it work? Yes or No
18 things	2 people	Picture:	Does it work? Yes or No

**Can you sharing 28 things among 3 people or can you share 27 things among 3 people?**

28 things	3 people	Picture:	Does it work? Yes or No
27 things	3 people	Picture:	Does it work? Yes or No

**Multiplication Word Problems****Read the problems carefully and solve.**

Sam had 20 packages to deliver, to 4 houses. How many packages went to each house?

Division sentence:

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Alice's mom packed 24 lunches for a picnic. If each kid got 2 sandwiches, how many kids went to the picnic?

Division sentence:

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Suzy put 32 candles on 8 birthday cakes. How many candles did Suzy put on each cake?

Division sentence:

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Tim has 35 cat toys. Each cat has 5 toys to play with. How many cats does Tim have?

Division sentence:

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Bob bought 50 prizes. He split them up between 10 friends. How many prizes did each friend get?

Division sentence:

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Jane has 24 shoes. How many pairs of shoes is that?

Division sentence:

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**Practice these questions using the division template on the next slide:**

$25 \div 5 =$	$56 \div 8 =$	$6 \div 6 =$	$12 \div 3 =$	$42 \div 7 =$	$35 \div 7 =$
$42 \div 6 =$	$45 \div 5 =$	$56 \div 7 =$	$30 \div 5 =$	$14 \div 2 =$	$40 \div 8 =$
$27 \div 9 =$	$40 \div 5 =$	$9 \div 3 =$	$20 \div 4 =$	$35 \div 5 =$	$48 \div 8 =$
$30 \div 5 =$	$12 \div 4 =$	$7 \div 7 =$	$18 \div 3 =$	$48 \div 6 =$	$45 \div 9 =$

Problem



Show as equal groups



Division Sentence

