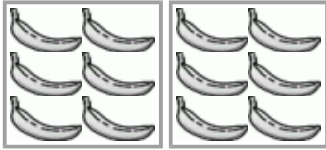


# Dividing Evenly into Groups

Sally's      Joe's



$$12 \div 2 = \underline{\quad}$$

If you divide 12 bananas evenly between Joe and Sally, how many does each one get?

Joe and Sally both get      bananas.

You can use DIVISION to solve this problem.

Division gives the answer to TWO different problems:

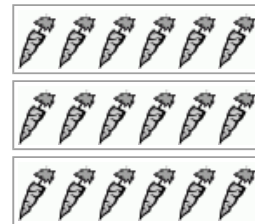
- Making certain size groups - how many groups? OR
- Making certain amount of groups - how many in each group?

$$18 \div 3 = ?$$

Make ***groups of 3***.  
How many groups?

OR

Divide 18 evenly ***into three groups***  
(or between three people).  
How many in each group?  
(How many does each person get?)



1. Divide things evenly into groups.

**a.**  
Divide into two groups.

$$8 \div 2 = \underline{\quad}$$



**b.**  
Divide into two groups.

$$\underline{\quad} \div 2 = \underline{\quad}$$



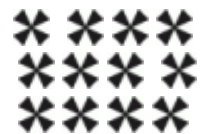
**c.**  
Divide into three groups.

$$\underline{\quad} \div 3 = \underline{\quad}$$

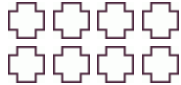







**d.**  
Divide into three groups.

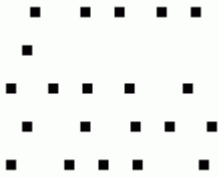
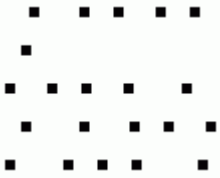
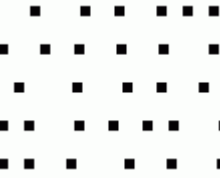
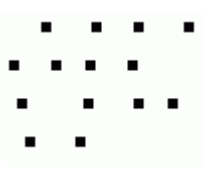
$$\underline{\quad} \div 3 = \underline{\quad}$$



2. Divide evenly into groups and write a division sentence.

<p><b>a.</b> Divide into four groups.</p>  <p>___ ÷ ___ = ___</p>	<p><b>b.</b> Divide into four groups.</p>  <p>___ ÷ ___ = ___</p>
<p><b>c.</b> Divide into five groups.</p>  <p>___ ÷ ___ = ___</p>	<p><b>d.</b> Divide into five groups.</p>  <p>___ ÷ ___ = ___</p>
<p><b>e.</b> Divide into one group.</p>  <p>___ ÷ ___ = ___</p>	<p><b>f.</b> Divide into six groups.</p>  <p>___ ÷ ___ = ___</p>

3. Divide evenly into groups and write a division sentence.

<p><b>a.</b> Make 3 groups</p>  <p>21 ÷ 3 = ___</p>	<p><b>b.</b> Make 1 group</p>  <p>___ ÷ 1 = ___</p>	<p><b>c.</b> Make 10 groups</p>  <p>___ ÷ 10 = ___</p>	<p><b>d.</b> Make 2 groups</p>  <p>___ ÷ 2 = ___</p>
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4. Divide. Remember to think about the multiplication problem.

<p><b>a.</b> 40 ÷ 8 =</p> <p>6 ÷ 3 =</p> <p>16 ÷ 2 =</p>	<p><b>b.</b> 48 ÷ 12 =</p> <p>60 ÷ 6 =</p> <p>25 ÷ 5 =</p>	<p><b>c.</b> 36 ÷ 9 =</p> <p>36 ÷ 6 =</p> <p>56 ÷ 7 =</p>
<p><b>d.</b> 30 ÷ 5 =</p> <p>24 ÷ 3 =</p> <p>64 ÷ 8 =</p>	<p><b>e.</b> 99 ÷ 9 =</p> <p>72 ÷ 6 =</p> <p>27 ÷ 3 =</p>	<p><b>f.</b> 100 ÷ 10 =</p> <p>80 ÷ 10 =</p> <p>45 ÷ 9 =</p>

5. Is it asking for total? Or do you know the total already and you are asked 'how many groups/parts' or 'how many in each group/part'? Write a division or multiplication sentence for each problem. Try to “see” each situation in your mind - or you can even draw a picture of the situation.

**a.** Sally, Joe, and Tammy equally divided 36 cherries. How many did each one get?

**b.** The teacher wanted to make 5 groups out of a class of 25 students. How many students were in each group?

**c.** How many people do you have in seven vans if each van has five people in it?

**d.** Joe divided a plank 27 inches long into three parts. How long was each part?

**e.** The class has 30 students. You can fit 5 students into a van. How many vans are needed?

**f.** One foot is 12 inches. Jack's board was 3 feet and 5 inches long, but how long was it in inches?

**g.** Ken placed 40 marbles in rows. He made 5 rows. How many marbles were in each row?

**h.** There were 10 chairs in each row, and a total of seven rows PLUS one additional row with 8 chairs. How many chairs were there?

**i.** Oh no! Kenny dropped the box that the groceries were in. All of the eggs in two cartons broke, and all except one egg from a third carton broke. How many eggs broke if each carton holds 12 eggs?

**j.** Mom has 24 eggs. It takes 8 eggs to make an omelet for the family. How many omelets can she make?

**k.** You can fit 12 crayons into a box. How many boxes do you need for 60 crayons?

**l.** How many crayons are in 4 full boxes and in one box with only five crayons?

6. Make two division sentences from one multiplication sentence.

<p><b>a.</b></p> $3 \times 12 = \underline{\quad}$ $\underline{\quad} \div 12 = \underline{\quad}$ $\underline{\quad} \div 3 = \underline{\quad}$	<p><b>b.</b></p> $7 \times 6 = \underline{\quad}$ $\underline{\quad} \div \underline{\quad} = \underline{\quad}$ $\underline{\quad} \div \underline{\quad} = \underline{\quad}$	<p><b>c.</b></p> $5 \times 10 = \underline{\quad}$ $\underline{\quad} \div \underline{\quad} = \underline{\quad}$ $\underline{\quad} \div \underline{\quad} = \underline{\quad}$	<p><b>d.</b></p> $9 \times 8 = \underline{\quad}$ $\underline{\quad} \div \underline{\quad} = \underline{\quad}$ $\underline{\quad} \div \underline{\quad} = \underline{\quad}$
<p><b>e.</b></p> $10 \times 12 = \underline{\quad}$ $\underline{\quad} \div \underline{\quad} = \underline{\quad}$ $\underline{\quad} \div \underline{\quad} = \underline{\quad}$	<p><b>f.</b></p> $7 \times 4 = \underline{\quad}$ $\underline{\quad} \div \underline{\quad} = \underline{\quad}$ $\underline{\quad} \div \underline{\quad} = \underline{\quad}$	<p><b>g.</b></p> $6 \times 8 = \underline{\quad}$ $\underline{\quad} \div \underline{\quad} = \underline{\quad}$ $\underline{\quad} \div \underline{\quad} = \underline{\quad}$	<p><b>h.</b></p> $11 \times 12 = \underline{\quad}$ $\underline{\quad} \div \underline{\quad} = \underline{\quad}$ $\underline{\quad} \div \underline{\quad} = \underline{\quad}$
<p><b>i.</b></p> $1 \times 11 = \underline{\quad}$ $\underline{\quad} \div \underline{\quad} = \underline{\quad}$ $\underline{\quad} \div \underline{\quad} = \underline{\quad}$	<p><b>j.</b></p> $7 \times 8 = \underline{\quad}$ $\underline{\quad} \div \underline{\quad} = \underline{\quad}$ $\underline{\quad} \div \underline{\quad} = \underline{\quad}$	<p><b>k.</b></p> $9 \times 6 = \underline{\quad}$ $\underline{\quad} \div \underline{\quad} = \underline{\quad}$ $\underline{\quad} \div \underline{\quad} = \underline{\quad}$	<p><b>l.</b></p> $7 \times 1 = \underline{\quad}$ $\underline{\quad} \div \underline{\quad} = \underline{\quad}$ $\underline{\quad} \div \underline{\quad} = \underline{\quad}$

### Puzzle corner

What numbers can go into the puzzles?

The first one is totally empty so you can make one puzzle of your own!

	÷		=
÷		÷	
	÷		=
=	=		

	÷		=	6
÷		÷		
	÷		=	2
=	=			
9	3			

	÷		=	5
÷		÷		
	÷		=	5
=	=			
4	4			