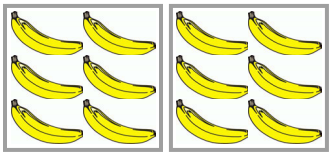
Dividing Evenly into Groups

Sally's Joe's



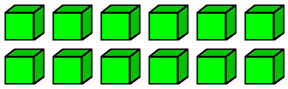
If we divide 12 bananas evenly between Joe and Sally, how many does each one get?

Both Joe and Sally each get 6 bananas.

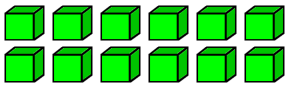
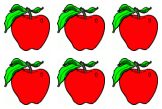
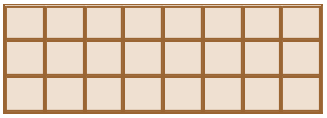
We can write the DIVISION 12 ÷ 2 = 6.

When things are divided or shared equally, we can write a division.

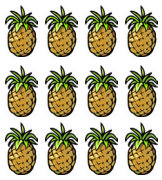
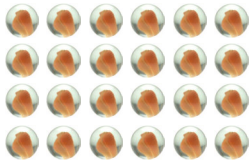
1. Two children are sharing. Divide the things into **two** equal groups. Write a division.

a. 	b.	c.
_____ ÷ 2 = _____	_____ ÷ 2 = _____	_____ ÷ _____ = _____
Each child gets _____.	Each child gets _____.	Each child gets _____.

2. Three children are sharing. Divide the things into **three** equal groups. Write a division.

a. 	b. 	c. 
_____ ÷ 3 = _____	_____ ÷ 3 = _____	_____ ÷ _____ = _____
Each child gets _____.	Each child gets _____.	Each child gets _____.

3. Four children are sharing. Divide the things into **four** equal groups. Write a division.

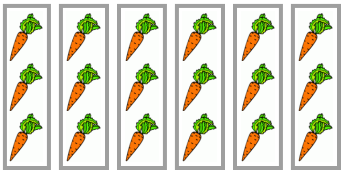
a.	b. 	c. 
_____ ÷ 4 = _____	_____ ÷ 4 = _____	_____ ÷ _____ = _____

Sample worksheet from
www.mathmammoth.com

Let's think about the division 18 ÷ 3 in **TWO** different ways.

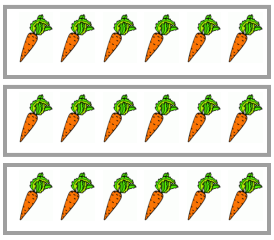
1) We have 18 carrots, and we will make ***groups of 3***.
How many groups do we get?

Six groups. So, 18 ÷ 3 = 6.



2) We divide the 18 carrots evenly ***into three groups***, like sharing them among three people. How many are there in each group?

Six. So, 18 ÷ 3 = 6.



There are TWO ways to think about division:

1) You make groups of a certain size. How many groups do you get?

2) You make a certain number of groups, dividing the things equally into these groups. How many are there in each group?

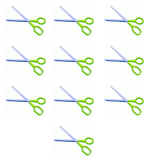
4. Divide things evenly into groups.

a.
Divide into two groups.

8 ÷ 2 = ____

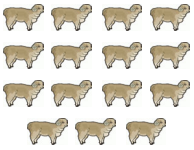
b.
Divide into five groups.

_____ ÷ ____ = ____



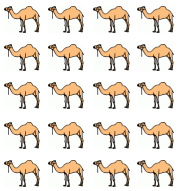
c.
Divide into one group.

_____ ÷ ____ = ____

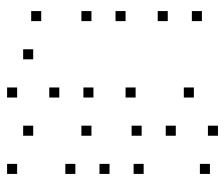


d.
Divide into four groups.

_____ ÷ ____ = ____

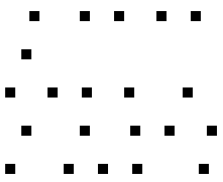


e. Make 3 groups



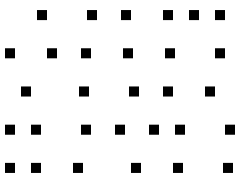
21 ÷ 3 = ____

f. Make 1 group



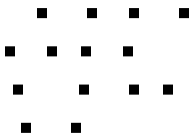
_____ ÷ 1 = ____

g. Make 10 groups



____ ÷ 10 = ____

h. Make 2 groups



_____ ÷ 2 = ____

Sample worksheet from
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5. Divide. Remember to think about the multiplication problem.

a. $40 \div 8 =$ _____ $6 \div 3 =$ _____ $16 \div 2 =$ _____	**b.** $48 \div 12 =$ _____ $60 \div 6 =$ _____ $25 \div 5 =$ _____	**c.** $36 \div 9 =$ _____ $36 \div 6 =$ _____ $56 \div 7 =$ _____
d. $30 \div 5 =$ _____ $24 \div 3 =$ _____ $64 \div 8 =$ _____	**e.** $99 \div 9 =$ _____ $72 \div 6 =$ _____ $27 \div 3 =$ _____	**f.** $100 \div 10 =$ _____ $80 \div 10 =$ _____ $45 \div 9 =$ _____

6. Find the unknown numbers (marked by a circle or ?).

a. $16 \div 4 = ?$ $? =$ _____	**b.** $21 \div ? = 3$ $? =$ _____	**c.** $42 \div ? = 6$ $? =$ _____	**d.** $? \div 5 = 12$ $? =$ _____
e. ◯ $\div 4 = 7$ ◯ = _____	**f.** $54 \div$ ◯ $= 6$ ◯ = _____	**g.** $144 \div 12 =$ ◯ ◯ = _____	**h.** ◯ $\div 11 = 11$ ◯ = _____

7. Solve. Write a division or a multiplication for each problem.
The box ☐ is where you will write either × or ÷.

a. Amanda, Jill, and Bill shared evenly 18 marbles in a game. How many marbles did each one get? _____ ☐ _____ = _____	**b.** Four children played marbles. Each one had 7 marbles. How many marbles were there in total? _____ ☐ _____ = _____
c. Ashley cut a 24-inch long string into 6 equal pieces. How long was each piece of string? _____ ☐ _____ = _____	**d.** Mom bought 24 hairpins and divided them evenly among her 3 daughters. How many hairpins did each girl get? _____ ☐ _____ = _____

Sample worksheet from
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8. **a.** Write or make a *division* story problem about 20 apples and some horses.

b. Write or make a *division* story problem about 24 toy cars and some children.

9. Fill in the division tables!

a. Division table of six	**b.** Division table of seven	**c.** Division table of eight
6 ÷ 6 = ____	7 ÷ 7 = ____	8 ÷ 8 = ____
12 ÷ 6 = ____	14 ÷ 7 = ____	16 ÷ 8 = ____
_____ ÷ 6 = ____	_____ ÷ 7 = ____	_____ ÷ 8 = ____
_____ ÷ 6 = ____	_____ ÷ 7 = ____	_____ ÷ 8 = ____
_____ ÷ 6 = ____	_____ ÷ 7 = ____	_____ ÷ 8 = ____
_____ ÷ 6 = ____	_____ ÷ 7 = ____	_____ ÷ 8 = ____
_____ ÷ 6 = ____	_____ ÷ 7 = ____	_____ ÷ 8 = ____
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_____ ÷ 6 = ____	_____ ÷ 7 = ____	_____ ÷ 8 = ____
_____ ÷ 6 = ____	_____ ÷ 7 = ____	_____ ÷ 8 = ____

Notice the patterns in these tables! How are they similar to the multiplication tables?

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