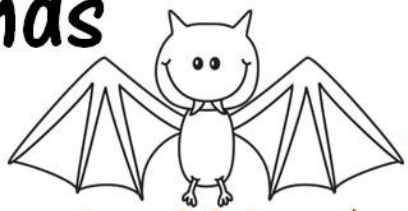
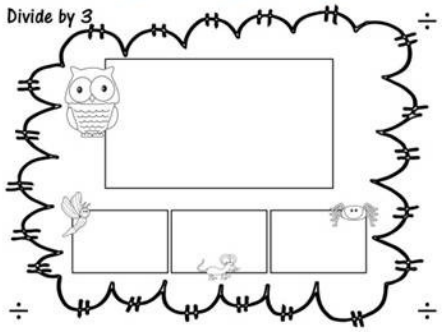
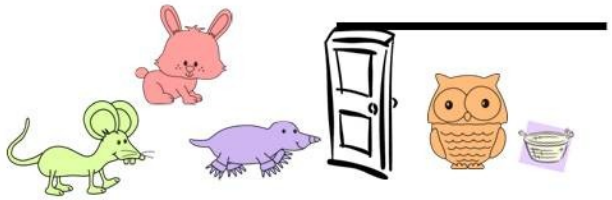
Teaching Division with **Fall Friends**



Divide the beans between the animal friends





Help your students understand the concept of division, how to set up a problem, and give them practice problems to solve

Please take a moment to visit and subscribe to my blog:
www.kathyhutto.wordpress.com

The super cute borders are from:
Graphics From the Pond http://frompond.blogspot.com

The fun animals are from:
http://www.scrappindoodles.com/

Copyright 2013

Common Core Connection:

Standard: MCC3.OA.2 Represent and solve problems involving multiplication and division.

2.Interpret whole-number quotients of whole numbers, e.g., interpret 56 ÷ 8 as the number of objects in each share when 56 objects are partitioned equally into 8 shares, or as a number of shares when 56 objects are partitioned into equal shares of 8 objects each. *For example, describe a context in which a number of shares or a number of groups can be expressed as 56 ÷ 8.*

Each child will need a Ziploc bag with 54 beans and a copy of each Math Mat

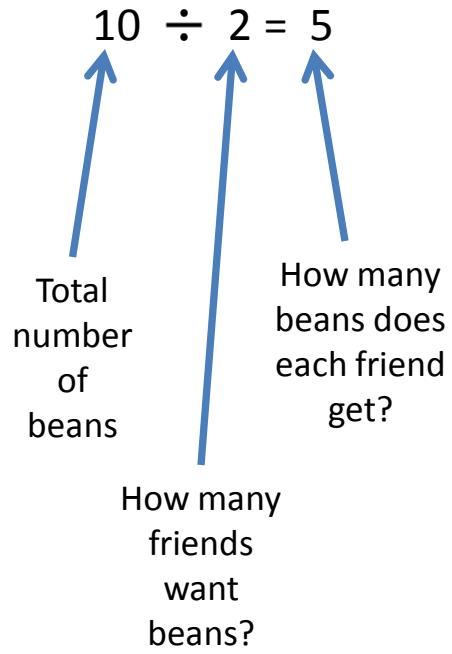
How to teach division using Owl & her beans:

Owl has lots of beans after a great fall harvest. She wants to share them equally with her friends.

Count the number of beans your teacher calls out and place that number in the top box on your math mat beside owl.

Then divide them evenly among the friends shown by the boxes at the bottom of your math mat. Make sure every animal gets the same number of beans.

How many beans did each friend get? That's the answer!



Let's practice! Fill in the worksheet. Use the Math Mat to help you find the answers.

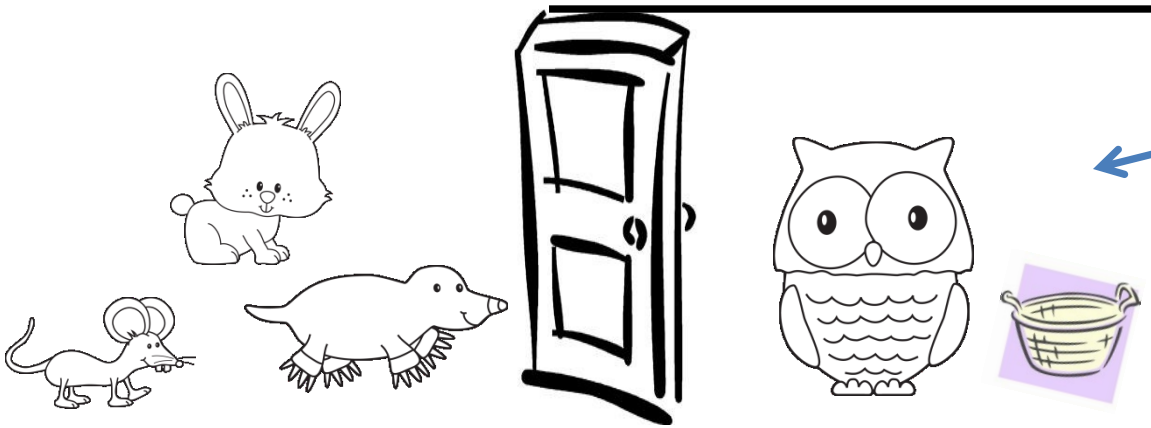
Write it another way. Show the division problem using the "house" in the space at the side of the worksheet.

Showing Division Using a House

Example

$$\begin{array}{r} 3 \\ 3\overline{)\,9} \end{array}$$

Owl sets the beans up on a shelf
as she divides them.
How many beans did each friend get?
Put the answer on top.



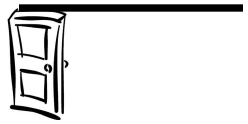
This is owl's house.
She is inside.
She has all the beans.
Put the total number
of beans here in
owl's house.

These are owl's friends. They will
knock on the door and ask for some beans.
How many friends does she need to divide the beans by?
Put this number outside the door.

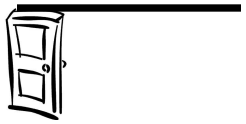
Name: _____

Practice writing these division problems in the houses.

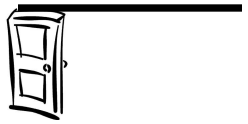
7 ÷ 1 = 7



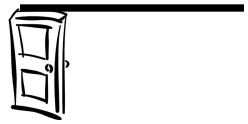
36 ÷ 4 = 9



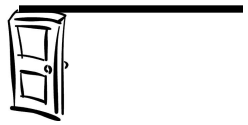
28 ÷ 7 = 4



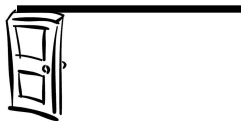
12 ÷ 3 = 4



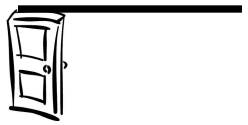
12 ÷ 2 = 6



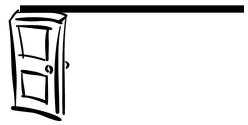
40 ÷ 5 = 8



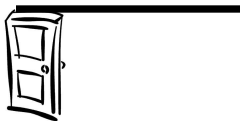
48 ÷ 8 = 6



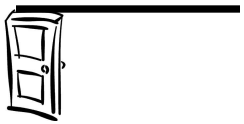
14 ÷ 7 = 2



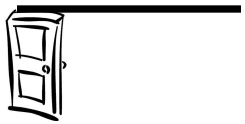
24 ÷ 3 = 8



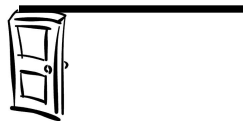
18 ÷ 6 = 3

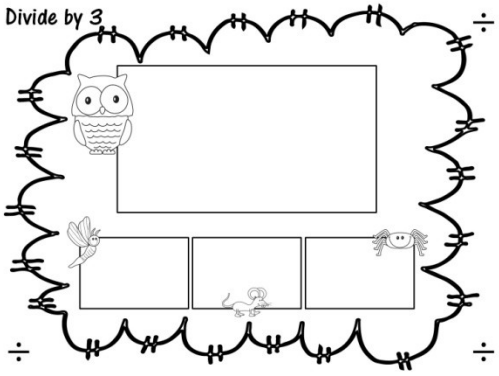


54 ÷ 9 = 6



45 ÷ 9 = 5





Math Mats
&
Corresponding Practice Sheets

Divide by 1

Divide by 1

Another way to write these…

10 ÷ 1 = ____

6 ÷ 1 = ____

5 ÷ 1 = ____

7 ÷ 1 = ____

3 ÷ 1 = ____

1 ÷ 1 = ____

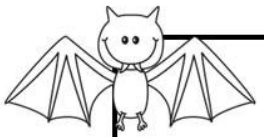
2 ÷ 1 = ____

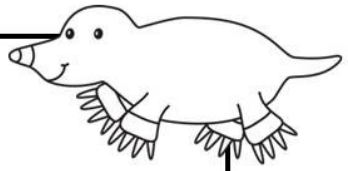
4 ÷ 1 = ____

8 ÷ 1 = ____

9 ÷ 1 = ____

Divide by 2





Divide by 2

Another way to write these…

10 ÷ 2 = ____

6 ÷ 2 = ____

4 ÷ 2 = ____

2 ÷ 2 = ____

8 ÷ 2 = ____

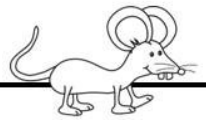
12 ÷ 2 = ____

16 ÷ 2 = ____

14 ÷ 2 = ____

18 ÷ 2 = ____

Divide by 3



Divide by 3

Another way to write these…

6 ÷ 3 = ____

9 ÷ 3 = ____

3 ÷ 3 = ____

12 ÷ 3 = ____

18 ÷ 3 = ____

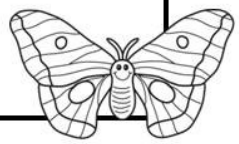
15 ÷ 3 = ____

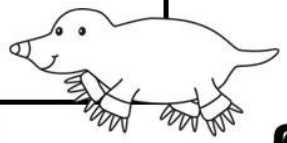
21 ÷ 3 = ____

24 ÷ 3 = ____

27 ÷ 3 = ____

Divide by 4





Divide by 4

Another way to write these…

8 ÷ 4 = ____

12 ÷ 4 = ____

4 ÷ 4 = ____

16 ÷ 4 = ____

32 ÷ 4 = ____

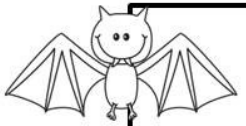
20 ÷ 4 = ____

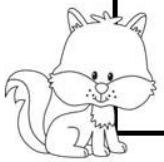
24 ÷ 4 = ____

36 ÷ 4 = ____

28 ÷ 4 = ____

Divide by 5





Divide by 5

Another way to write these…

10 ÷ 5 = ____

5 ÷ 5 = ____

15 ÷ 5 = ____

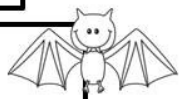
30 ÷ 5 = ____

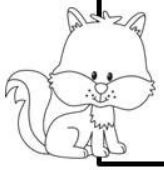
25 ÷ 5 = ____

20 ÷ 5 = ____

35 ÷ 5 = ____

Divide by 6





Divide by 6

Another way to write these…

6 ÷ 6 = ____

12 ÷ 6 = ____

18 ÷ 6 = ____

24 ÷ 6 = ____

48 ÷ 6 = ____

36 ÷ 6 = ____

Divide by 7

Divide by 7

Another way to write these…

14 ÷ 7 = ____

21 ÷ 7 = ____

7 ÷ 7 = ____

28 ÷ 7 = ____

42 ÷ 7 = ____

35 ÷ 7 = ____

Divide by 8

Divide by 8

Another way to write these…

16 ÷ 8 = ____

8 ÷ 8 = ____

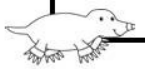
24 ÷ 8 = ____

40 ÷ 8 = ____

48 ÷ 8 = ____

32 ÷ 8 = ____

Divide by 9



Divide by 9

Another way to write these…

18 ÷ 9 = ____

9 ÷ 9 = ____

27 ÷ 9 = ____

36 ÷ 9 = ____

45 ÷ 9 = ____

54 ÷ 9 = ____

Please check out my other products at TpT and be sure to subscribe to my blog. For all the latest on new products I create among other things.