

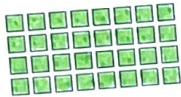
Multiplication & Division Worksheets



UP, UP, AND ARRAY

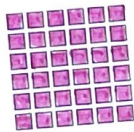
Name: _____

Write the related facts that are represented by each array.

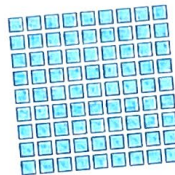


$$\begin{array}{rcl} 4 \times 8 & = & 32 \\ 8 \times 4 & = & 32 \end{array}$$

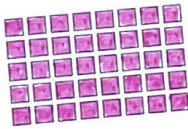
$$\begin{array}{rcl} 32 \div 4 & = & 8 \\ 32 \div 8 & = & 4 \end{array}$$



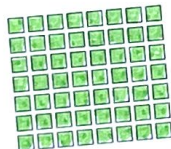
$$\begin{array}{rcl} 6 \times 6 & = & 36 \\ 36 \div 6 & = & 6 \end{array}$$



$$\begin{array}{rcl} 9 \times 9 & = & 81 \\ 81 \div 9 & = & 9 \end{array}$$



$$\begin{array}{rcl} 5 \times 8 & = & 40 \\ 8 \times 5 & = & 40 \\ 40 \div 5 & = & 8 \\ 40 \div 8 & = & 5 \end{array}$$



$$\begin{array}{rcl} 7 \times 8 & = & 56 \\ 8 \times 7 & = & 56 \\ 56 \div 7 & = & 8 \\ 56 \div 8 & = & 7 \end{array}$$



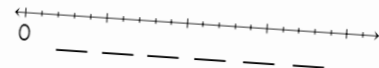
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KANGAROO NUMBER LINES

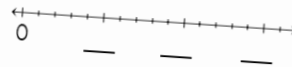
Name: _____

The kangaroos are modeling equal jumps on the number lines. Complete about showing multiplication on a number line. Model the jumps on the number line each kangaroo jump lands on. Circle the answer to the multiplication problem.

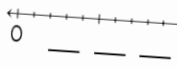
1. 6×3 can be shown as _____ jumps of _____



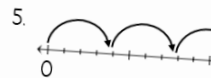
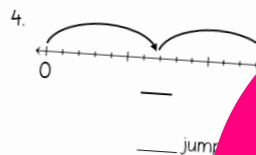
2. 3×5 can be shown as _____ jumps of _____



3. 5×3 can be shown as _____ jumps of _____



Look at each number line and determine the multiplication problem it represents. Number each jump lands on.



3rd
GRADE

Fun & Engaging Activities

Perfect for math stations,
seatwork or tutoring.

DIVISION STORIES: FAIR SHARES

Name: _____

Complete each division story by filling in the blanks. Draw a picture to represent your story and solve. If the object you pick is hard to draw, use something simple like stars or x's in your picture.

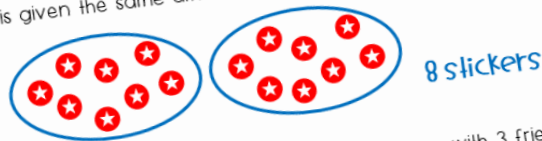
1. Anna has 12 pencils to share with 4 friends.
proper noun: name plural noun: object

If each friend is given the same amount, how many will each friend get?



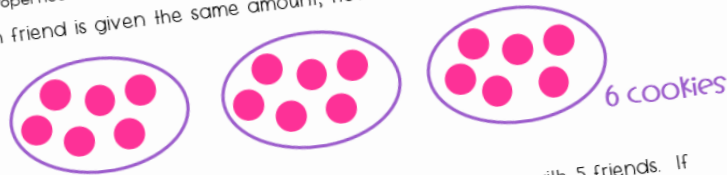
2. Jaeshon has 16 slickers to share with 2 friends. If
proper noun: name plural noun: object

each friend is given the same amount, how many will each friend get?



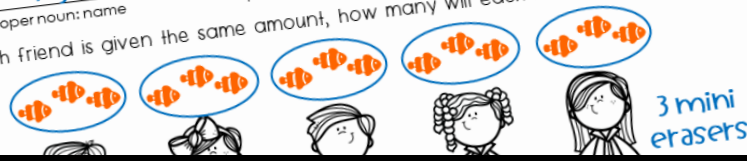
3. Grace has 18 cookies to share with 3 friends. If
proper noun: name plural noun: object

each friend is given the same amount, how many will each friend get?



4. Raj has 15 mini erasers to share with 5 friends. If
proper noun: name plural noun: object

each friend is given the same amount, how many will each friend get?

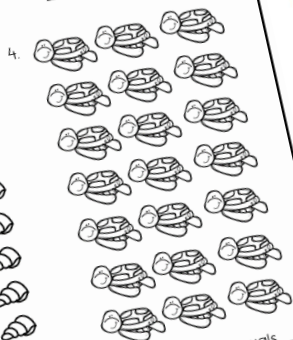
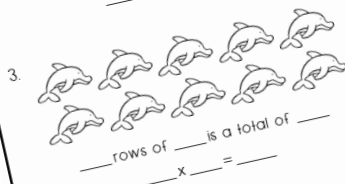
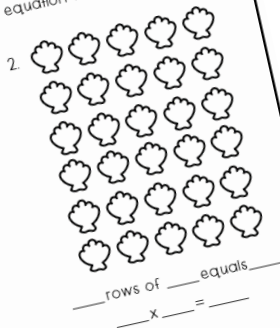
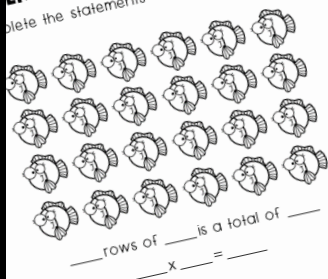


Print & Go Practice

SEAWATER ARRAYS

Name: _____

Complete the statements and write a multiplication equation for each array.



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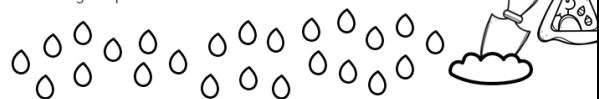


DIVISION IN THE GARDEN

Name: _____

Read each problem. Circle the objects in groups to represent the problem. Write a division equation and solve.

1. Leo is planting seeds in the garden. He will put 3 seeds in each hole he digs. He has 24 seeds. How many holes does he need to dig to plant these seeds?



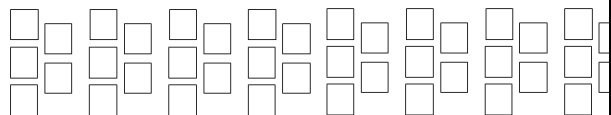
_____ seeds are put into holes with _____ seeds in each hole = _____ hole
 _____ ÷ _____ = _____

2. Avery will plant 14 flowers in pots. She will put 2 flowers in each pot. How many pots will she use?



_____ flowers are put into pots with _____ flowers in each pot = _____ pots
 _____ ÷ _____ = _____

3. Damian is reading a gardening book. He will read 5 pages every day. The book is 40 pages long. How many days will it take to read the book?



_____ pages are grouped as _____ pages every day = _____ days
 _____ ÷ _____ = _____

Easy to Use Printable Pages

SWIMMING IN NUMBERS

Name: _____

Think of a related multiplication fact to solve each division problem.

$$36 \div 4 = \underline{9}$$

think

$$\underline{4} \times \underline{9} = \underline{36}$$



$$20 \div 5 = \underline{4}$$

think

$$\underline{5} \times \underline{4} = \underline{20}$$



$$24 \div 8 = \underline{3}$$

think

$$\underline{8} \times \underline{3} = \underline{24}$$

$$54 \div 9 = \underline{6}$$

think

$$\underline{9} \times \underline{6} = \underline{54}$$

$$16 \div 2 = \underline{8}$$

think

$$\underline{2} \times \underline{8} = \underline{16}$$

$$49 \div 7 = \underline{7}$$

think

$$\underline{7} \times \underline{7} = \underline{49}$$



$$32 \div 4 = \underline{8}$$

think

$$\underline{4} \times \underline{8} = \underline{32}$$



$$27 \div 3 = \underline{\quad}$$

think

$$\underline{\quad} \times \underline{\quad} = \underline{\quad}$$

$$36 \div 6 = \underline{\quad}$$

think

$$\underline{\quad} \times \underline{\quad} = \underline{\quad}$$

$$42 \div 7 = \underline{\quad}$$

think

$$\underline{\quad} \times \underline{\quad} = \underline{\quad}$$

Teacher Key is Included!

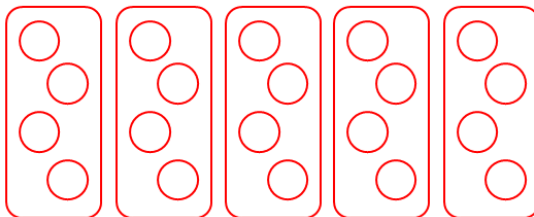
DRAGON DIVISION

Name: _____

Read each problem. Draw a picture to model the problem. Complete the statement and write a division equation to show your solution.



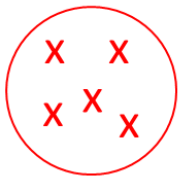
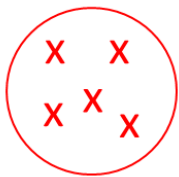
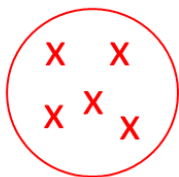
1. Five dragons are sharing 20 gold coins evenly. How many coins will each dragon get?



20 gold coins shared evenly by 5 dragons = 4 coins each

$$\underline{20} \div \underline{5} = \underline{4}$$

2. Fifteen dragons sleep in 3 caves. The same number of dragons sleep in each cave. How many dragons sleep in each cave?



Use an "x" to represent each dragon in your drawing.

15 dragons sleep in 3 caves = 5 dragons per cave

$$\underline{15} \div \underline{3} = \underline{5}$$



31 Ready-to-Use Worksheets

EASY PEASY LEMON SQUEEZY



Name: _____

Use the commutative property to switch the factors in each multiplication problem. Solve the multiplication problem. This strategy often helps us make an easier problem to solve when the first factor is a 7, 8 or 9.



1. $7 \times 5 \Rightarrow \underline{5} \times \underline{7} = \underline{35}$

2. $8 \times 2 \Rightarrow \underline{2} \times \underline{8} = \underline{16}$

3. $9 \times 5 \Rightarrow \underline{5} \times \underline{9} = \underline{45}$

4. $8 \times 5 \Rightarrow \underline{5} \times \underline{8} = \underline{40}$

5. $7 \times 4 \Rightarrow \underline{4} \times \underline{7} = \underline{28}$

6. $7 \times 2 \Rightarrow \underline{2} \times \underline{7} = \underline{14}$

7. $6 \times 5 \Rightarrow \underline{5} \times \underline{6} = \underline{30}$

8. $7 \times 3 \Rightarrow \underline{3} \times \underline{7} = \underline{21}$

9. $9 \times 2 \Rightarrow \underline{2} \times \underline{9} = \underline{18}$

10. $9 \times 4 \Rightarrow \underline{4} \times \underline{9} = \underline{36}$

Draw lines to match each multiplication problem with its match using the commutative property.

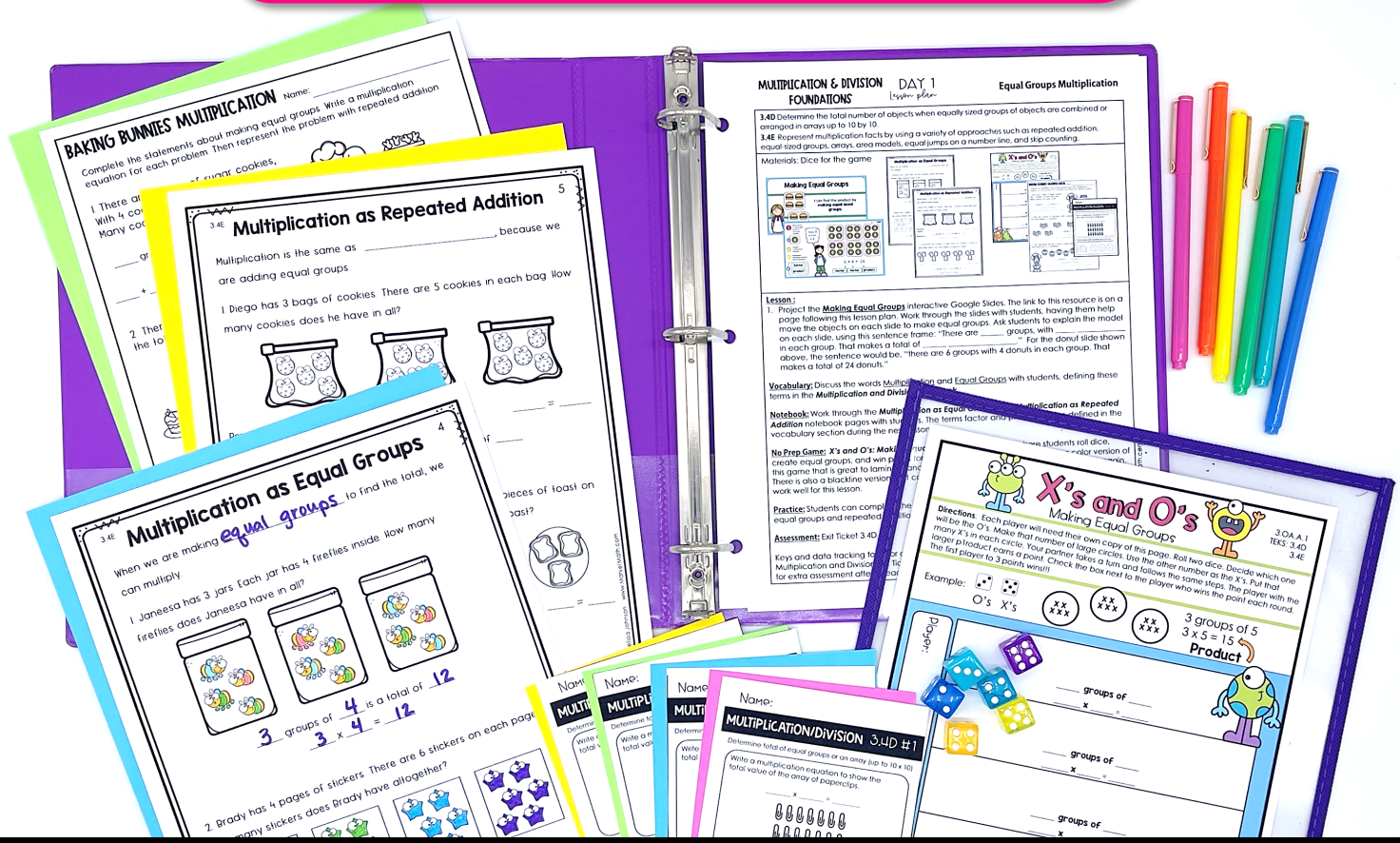


8×5	5×4
3×9	9×6
4×5	9×3
6×9	5×8
9×5	4×7
4×8	5×9
7×4	8×4

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3rd Grade TEKS Multiplication & Division BUNDLE



About the Author

This resource was created by Melissa Johnson, who has 16 years of k-10 teaching experience and a masters degree in Mathematics Education. Her resources build conceptual understanding, make connections between math topics and engage students in the mathematics they are learning.

