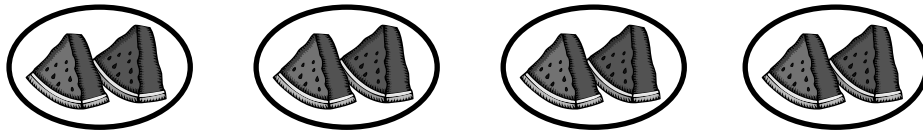


Name _____

Date _____

1. The picture below shows 4 groups of 2 slices of watermelon. Write repeated addition and multiplication sentences to represent the picture.



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

$$4 \times \underline{\quad} = \underline{\quad}$$

2. Draw a picture to show $3 + 3 + 3 = 9$. Then write a multiplication sentence to represent the picture.

Name _____

Date _____

1.



a. There are 4 rows of stars. How many stars are in each row? _____

b. Write a multiplication fact to describe the total number of stars. _____

2. Judy collects seashells. She arranges them in 3 rows of 6. Draw Judy's array to show how many seashells she has all together. Then write a multiplication sentence to describe the array.

Name _____

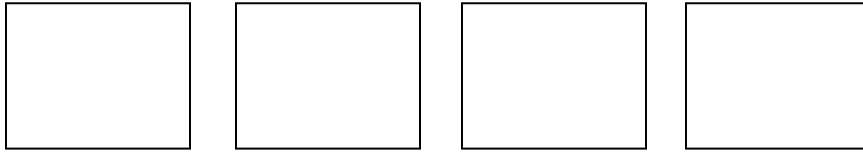
Date _____

Draw an array that shows 5 rows of 3 squares. Then show a number bond where each part represents the amount in one row.

Name _____

Date _____

1. There are 16 glue sticks for the class. The teacher divides them into 4 equal groups. Draw the number of glue sticks in each group.



There are _____ glue sticks in each group.

$$16 \div \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$$

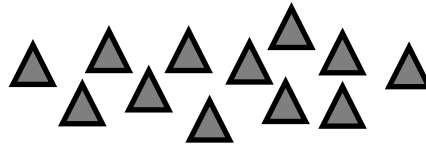
2. Draw a picture to show $15 \div 3$. Then complete the division sentence.

$$15 \div 3 = \underline{\hspace{2cm}}$$

Name _____

Date _____

1. Divide 12 triangles into groups of 6.



$$12 \div 6 = \underline{\hspace{2cm}}$$

2. Spencer buys 20 strawberries to make smoothies. Each smoothie needs 5 strawberries. Use a count-by to find the number of smoothies Spencer can make. Make a drawing to match your counting.

Name _____

Date _____

1. Cesar arranges 12 notecards into rows of 6 for his presentation. Draw an array to represent the problem.

$$12 \div 6 = \underline{\hspace{2cm}}$$

$$\underline{\hspace{2cm}} \times 6 = 12$$

What do the unknown factor and quotient represent? _____

Name _____

Date _____

$$2 \times 5 = 5 \times 2$$

Do you agree or disagree with the statement in the box? Draw arrays and use skip-counting to explain your thinking.

Name _____

Date _____

1. Mary Beth organizes stickers on a page in her sticker book. She arranges them in 3 rows and 4 columns. Draw an array to show Mary Beth's stickers.

- Use your array to write a multiplication sentence to find Mary Beth's total number of stickers.
- Label your array to show how you skip-count to solve your multiplication sentence.
- Use what you know about the commutative property to write a different multiplication sentence for your array.

Name _____

Date _____

☐ ☐ 1. Mrs. Stern roasts cloves of garlic. She places 10 rows of two cloves on a baking sheet.

☐ ☐ Write a multiplication sentence to describe the number of cloves Mrs. Stern bakes.

☐ ☐ _____ \times _____ = _____

☐ ☐ 2. When the garlic is roasted, Mrs. Stern uses some for a recipe, leaving 2 rows of two garlic cloves on the pan.

☐ ☐ a. Complete the number sentence below to show how many garlic cloves she uses.

☐ ☐ _____ twos – _____ twos = _____ twos

☐ ☐ b. $20 - \underline{\hspace{2cm}} = 16$

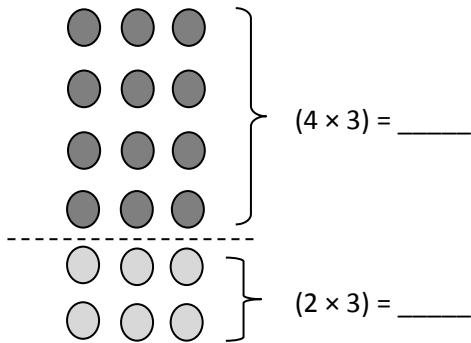
☐ ☐ c. Write a multiplication sentence to describe the number of garlic cloves she uses.

_____ \times 2 = _____

Name _____

Date _____

1. $6 \times 3 =$ _____

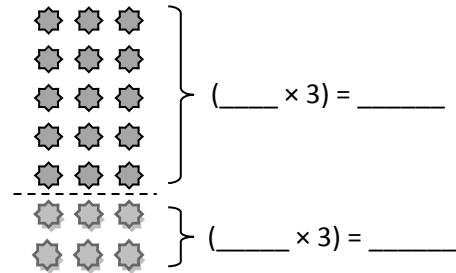


$(4 \times 3) + (2 \times 3) =$ _____ + _____

$6 \times 3 =$ _____ + _____

_____ $\times 3 =$ _____

2. $7 \times 3 =$ _____



$(5 \times 3) + (2 \times 3) =$ _____ + _____

$7 \times 3 =$ _____ + _____

_____ $\times 3 =$ _____

Name _____

Date _____

Ms. McCarty has 18 stickers. She puts 2 stickers on each homework paper. How many homework papers does she have? Model the problem with both an array and a labeled tape diagram.

Name _____

Date _____

There are 14 mints in 1 box. Cecilia eats 2 mints each day. How many days does it take Cecilia to eat 1 box of mints? Draw and label a tape diagram to solve.

It takes Cecilia _____ days to eat 1 box of mints.

Name _____

Date _____

1. Andrea has 21 apple slices. She uses 3 apple slices to decorate 1 pie. How many pies does Andrea make?
Draw and label a tape diagram to solve.

2. There are 24 soccer players on the field. They form 3 equal teams. How many players are on each team?

Name _____

Date _____

Arthur has 4 boxes of chocolates. Each box has 6 chocolates inside. How many chocolates does Arthur have altogether? Draw and label a tape diagram to solve.

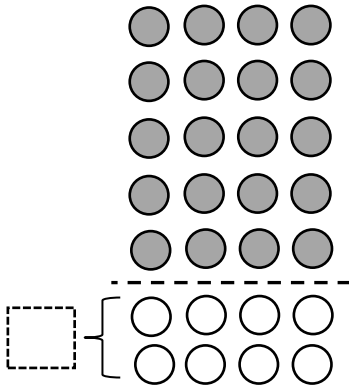
Name _____ Date _____

Draw and label 2 tape diagrams to show that $4 \times 3 = 3 \times 4$. Use your diagrams to explain how you know.

Name _____

Date _____

Destiny says, “I can use 5×4 to find the answer to 7×4 .” Use the array below to explain Destiny’s strategy using words and numbers.



$$(7 \times 4) = (5 \times 4) + (2 \times 4)$$

$$= \underline{\hspace{2cm}} + \underline{\hspace{2cm}}$$

$$= \underline{\hspace{2cm}}$$

Name _____

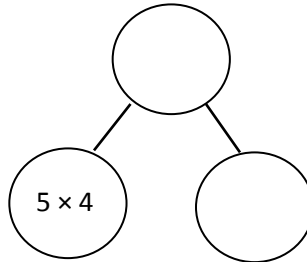
Date _____

Dylan used the distributive property to solve a multiplication problem. Look at his work below, write the multiplication problem Dylan solved and complete the number bond.

Dylan's work:

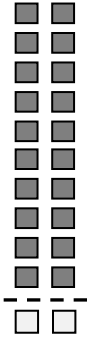
$$(5 \times 4) + (1 \times 4) =$$

$$20 + 4 = 24$$

_____ \times _____ = _____

Name _____

Date _____

Complete the equations below to solve $22 \div 2 = \underline{\hspace{2cm}}$.

$$(20 \div 2) = \underline{\hspace{2cm}}$$

$$(\underline{\hspace{2cm}} \div 2) = \underline{\hspace{2cm}}$$

$$(22 \div 2) = (20 \div 2) + (\underline{\hspace{2cm}} \div 2)$$

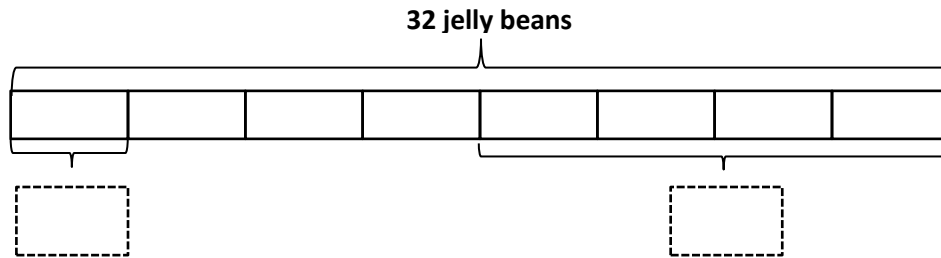
$$= \underline{\hspace{2cm}} + \underline{\hspace{2cm}}$$

$$= \underline{\hspace{2cm}}$$

Name _____

Date _____

1. Thirty-two jellybeans are shared by 8 students.



- a. How many jellybeans will each student get?
- b. How many jellybeans will 4 students get?
-
2. The teacher has 30 apple slices and 20 pear slices. Five children equally share all of the fruit slices. How many fruit slices does each child get?

Name _____

Date _____

Ms. Egeregor buys 27 books for her classroom library. She buys an equal amount of fiction, nonfiction, and poetry books. She shelves all of the poetry books first. Draw and label a tape diagram to show how many books Ms. Egeregor has left to shelve.