

Name _____

Date _____

1. Draw an array that shows 5 rows of 3.

2. Draw an array that shows 3 rows of 5.

3. Write multiplication expressions for the arrays in Problems 1 and 2. Let the first factor in each expression represent the number of rows. Use the commutative property to make sure the equation below is true.

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

Problem 1 **Problem 2**

4. Write a multiplication sentence for each expression. You might skip-count to find the totals. The first one is done for you.

a. 2 threes: $2 \times 3 = 6$ d. 4 threes: _____ g. 3 nines: _____

b. 3 twos: _____ e. 3 sevens: _____ h. 9 threes: _____

c. 3 fours: _____ f. 7 threes: _____ i. 10 threes: _____

5. Find the unknowns that make the equations true. Then, draw a line to match related facts.

a. $3 + 3 + 3 + 3 + 3 =$ _____

d. $3 \times 8 =$ _____

b. $3 \times 9 =$ _____

e. _____ $= 5 \times 3$

c. 7 threes + 1 three = _____

f. $27 = 9 \times$ _____

6. Isaac picks 3 tangerines from his tree every day for 7 days.
- Use circles to draw an array that represents the tangerines Isaac picks.
 - How many tangerines does Isaac pick in 7 days? Write and solve a multiplication sentence to find the total.
 - Isaac decides to pick 3 tangerines every day for 3 more days. Draw x's to show the new tangerines on the array in Part (a).
 - Write and solve a multiplication sentence to find the total number of tangerines Isaac picks.

7. Sarah buys bottles of soap. Each bottle costs \$2.
- How much money does Sarah spend if she buys 3 bottles of soap?

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

- How much money does Sarah spend if she buys 6 bottles of soap?

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