



Name: \_\_\_\_\_

Date: \_\_\_\_\_

## Identify or graph each proportional relationship.

*Solve for  $x$ . Show your work.*

1. A proportional relationship passes through  $(4, 28)$ . Find the constant of proportionality.
2. A proportional relationship passes through  $(5, 35)$ . Find the constant of proportionality.
3. A proportional relationship passes through  $(3, 12)$ . Find the constant of proportionality.
4. A proportional relationship passes through  $(5, 20)$ . Find the constant of proportionality.
5. A proportional relationship passes through  $(3, 12)$ . Find the constant of proportionality.
6. A proportional relationship passes through  $(6, 48)$ . Find the constant of proportionality.
7. A proportional relationship passes through  $(2, 10)$ . Find the constant of proportionality.
8. A proportional relationship passes through  $(3, 9)$ . Find the constant of proportionality.



## Identify or graph each proportional relationship. – Answer Key

1. A proportional relationship passes through (4, 28). Find the constant of proportionality.

$$k = 7$$

2. A proportional relationship passes through (5, 35). Find the constant of proportionality.

$$k = 7$$

3. A proportional relationship passes through (3, 12). Find the constant of proportionality.

$$k = 4$$

4. A proportional relationship passes through (5, 20). Find the constant of proportionality.

$$k = 4$$

5. A proportional relationship passes through (3, 12). Find the constant of proportionality.

$$k = 4$$

6. A proportional relationship passes through (6, 48). Find the constant of proportionality.

$$k = 8$$

7. A proportional relationship passes through (2, 10). Find the constant of proportionality.

$$k = 5$$

8. A proportional relationship passes through (3, 9). Find the constant of proportionality.

$$k = 3$$