

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

## Constant of Proportionality

Sheet 1

Find the constant of proportionality(k) for each linear relationship.

1)  $3y = 9x$

2)  $\frac{20y}{16x} = 1$

3)  $-4x + 8y = 0$

4)  $96x = 12y$

5)  $\frac{5y}{x} = 65$

7)  $11x = 77y$

9)  $\frac{13y}{78x} - 1 = 0$

10)  $2y = 48x$

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**Constant of Proportionality**

Find the constant of proportionality(k) for each linear relationship.

1)  $3y = 9x$

$k = 3$

2)  $\frac{20y}{16x} = 1$

$k = \frac{4}{5}$

3)  $-4x + 8y = 0$

4)  $96x = 12y$

5)  $\frac{5y}{x} = 65$

**k****PREVIEW**

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$k = 8$

7)  $11x = 77y$

**k**

$k = 9$

$k = \frac{1}{7}$

9)  $\frac{13y}{78x} - 1 = 0$

$k = 6$

10)  $2y = 48x$

$k = 4$

$k = 24$