

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

## Constant of Proportionality

Sheet 4

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

1)  $19x = 57y$

2)  $\frac{2y}{x} = 42$

3)  $\frac{3y}{45x} = 1$

4)  $12y = 10x$

5)  $66y = 48x$

7)  $8y - 72x = 0$

9)  $\frac{96y}{x} = 12$

10)  $-52x + 13y = 0$

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**Constant of Proportionality**

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

1)  $19x = 57y$

2)  $\frac{2y}{x} = 42$

$k = \frac{1}{3}$

$k = 21$

3)  $\frac{3y}{45x} = 1$

4)  $12y = 10x$

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$k = \frac{5}{6}$

5)  $66y = 48x$

**k**

$k = 14$

7)  $8y - 72x = 0$

$k = 9$

$k = \frac{2}{5}$

9)  $\frac{96y}{x} = 12$

10)  $-52x + 13y = 0$

$k = \frac{1}{8}$

$k = 4$