

## Constant of Proportionality - Table

L2S3

The values of  $x$  and  $y$  are proportional. Determine the constant of proportionality( $k$ ) and find the missing values.

1)

$x$	4	2		
$y$		20	30	60

2)

$x$	40		5	
$y$	24	12		21

3)

$x$	8
$y$	32

21	14	28
3		

5)

$x$	9
$y$	

12	10	13
		91

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7)

$x$	20	15	25	50
$y$			20	

8)

$x$	21		18	
$y$		57	54	72

**Constant of Proportionality - Table**

L2S3

The values of  $x$  and  $y$  are proportional. Determine the constant of proportionality( $k$ ) and find the missing values.

1)

$x$	4	2	<b>3</b>	<b>6</b>
$y$	<b>40</b>	20	30	60

2)

$x$	40	<b>20</b>	5	<b>35</b>
$y$	24	12	<b>3</b>	21

3)

$x$	8
$y$	32

$k = \frac{3}{5}$

21	14	28
3	<b>2</b>	<b>4</b>

5)

$x$	9
$y$	<b>6</b>

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

12	10	13
<b>84</b>	<b>70</b>	91

7)

$x$	20	15	25	50
$y$	<b>16</b>	<b>12</b>	20	<b>40</b>

8)

$x$	21	<b>19</b>	18	<b>24</b>
$y$	<b>63</b>	57	54	72

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

$k = 3$

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