

## Constant of Proportionality - Table

L1S5

Determine the constant of proportionality( $k$ ) for each table and write the proportional relationship between  $x$  and  $y$ .

1)

$x$	5	8	12	14
$y$	30	48	72	84

2)

$x$	3	12	10	6
$y$	9	36	30	18

3)

$x$	18
$y$	10

96	72	32
12	9	4

5)

$x$	10
$y$	6

56	84	91
16	24	26

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7)

$x$	10	8	4	2
$y$	80	64	32	16

8)

$x$	6	9	12	15
$y$	24	36	48	60

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L1S5

Determine the constant of proportionality( $k$ ) for each table and write the proportional relationship between  $x$  and  $y$ .

1)

$x$	5	8	12	14
$y$	30	48	72	84

2)

$x$	3	12	10	6
$y$	9	36	30	18

3)

$x$	18
$y$	10

$k = 6$

$y = 3x$

96	72	32
12	9	4

5)

$x$	10
$y$	6

$k = \frac{5}{9}$

$y = \frac{1}{8}x$

56	84	91
16	24	26

7)

$x$	10	8	4	2
$y$	80	64	32	16

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

$y = \frac{2}{7}x$

8)

$x$	6	9	12	15
$y$	24	36	48	60

$k = 8 ; y = 8x$

$k = 4 ; y = 4x$

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