

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

## Constant of Proportionality - Table

L151

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

1)

$x$	10	20	35	45
$y$	4	8	14	18

2)

$x$	9	4	2	11
$y$	63	28	14	77

3)

$x$	2	3	8	10
$y$	8	12	32	40

4)

$x$	14	21	28	35
$y$	12	18	24	30

5)

$x$	72	45	36	18
$y$	32	20	16	8

6)

$x$	5	7	9	12
$y$	40	56	72	96

7)

$x$	4	7	9	14
$y$	12	21	27	42

8)

$x$	24	28	12	16
$y$	6	7	3	4

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## Constant of Proportionality - Table

L2S1

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

1)

$x$	9		5	
$y$	36	16		8

\_\_\_\_\_

2)

$x$		6	15	9
$y$	4	2		

\_\_\_\_\_

3)

$x$	12		30	48
$y$		3		8

\_\_\_\_\_

4)

$x$			4	
$y$	25	40	20	60

\_\_\_\_\_

5)

$x$	7	11	4	
$y$			32	24

\_\_\_\_\_

6)

$x$		14		
$y$	21	6	15	3

\_\_\_\_\_

7)

$x$		5		30
$y$	14		6	12

\_\_\_\_\_

8)

$x$	3	4		7
$y$	18		54	

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