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# Constant of Proportionality

## Practice Worksheet A

### 1 Practice Problems

Determine the Constant of Proportionality (k). Then write an equation in the form  $y=kx$ .

1)

x	y
0	0
1	3
2	6
3	9

k =  
Equation:

3)

x	y
1	8
2	16
3	24
4	32

k =  
Equation:

2)

x	y
0	0
1	5
2	10
3	15

k =  
Equation:

4)

x	y
2	12
4	24
6	36
8	48

k =  
Equation:

### 2 Practice Problems

Determine the Constant of Proportionality (k). Then write an equation in the form  $y=kx$ .

Fill in the tables with any missing values.

5)

x	y
0	0
1	4
	8
3	

k =  
Equation:

6)

x	y
1	5
	10
3	
	20

k =  
Equation:

# Constant of Proportionality

## Practice Worksheet A

### 1 Practice Problems

Determine the Constant of Proportionality (k). Then write an equation in the form  $y=kx$ .

1)

x	y
0	0
1	3
2	6
3	9

$k = 3$

Equation:

$y = 3x$

3)

x	y
1	8
2	16
3	24
4	32

$k = 8$

Equation:

$y = 8x$

2)

x	y
0	0
1	5
2	10
3	15

$k = 5$

Equation:

$y = 5x$

4)

x	y
2	12
4	24
6	36
8	48

$k = 6$

Equation:

$y = 6x$

### 2 Practice Problems

Determine the Constant of Proportionality (k). Then write an equation in the form  $y=kx$ .

Fill in the tables with any missing values.

5)

x	y
0	0
1	4
2	8
3	12

$k = 4$

Equation:

$y = 4x$

6)

x	y
1	5
2	10
3	15
4	20

$k = 5$

Equation:

$y = 5x$