NAME: _____

PERIOD: _____ DATE: _____

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:

2)

x	y
0	0
1	5
2	10
3	15

k =

Equation:

3)

x	y
1	8
2	16
3	24
4	32

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:

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NAME: Answer Key

PERIOD: _____ DATE: _____

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

2)

x	y
0	0
1	5
2	10
3	15

k = 5

Equation: y = 5x

3)

x	y
1	8
2	16
3	24
4	32

k = 8

Equation: y = 8x

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