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Proportional Relationships

Practice Worksheet A

1 Practice Problems

Determine if the values in each table are proportional. If they are, state the Constant of Proportionality (k).

1)

x	y
2	4
1	2
7	14
5	10

 Is this proportional? 4)
 Yes / No
 If yes, k =

x	y
4	20
2	10
3	15
9	45

 Is this proportional?
 Yes / No
 If yes, k =

2)

x	y
9	0
3	6
2	10
6	3

 Is this proportional? 5)
 Yes / No
 If yes, k =

x	y
2	20
8	80
6	60
7	70

 Is this proportional?
 Yes / No
 If yes, k =

3)

x	y
5	15
1	3
4	12
3	9

 Is this proportional? 6)
 Yes / No
 If yes, k =

x	y
1	5
4	10
3	7
10	20

 Is this proportional?
 Yes / No
 If yes, k =

Proportional Relationships

Practice Worksheet A

1 Practice Problems

Determine if the values in each table are proportional. If they are, state the Constant of Proportionality (k).

1)

x	y
2	4
1	2
7	14
5	10

 Is this proportional? 4)
 Yes / No
 If yes, k = 2

x	y
4	20
2	10
3	15
9	45

 Is this proportional?
 Yes / No
 If yes, k = 5

2)

x	y
9	0
3	6
2	10
6	3

 Is this proportional? 5)
 Yes / No
 If yes, k =

x	y
2	20
8	80
6	60
7	70

 Is this proportional?
 Yes / No
 If yes, k = 10

3)

x	y
5	15
1	3
4	12
3	9

 Is this proportional? 6)
 Yes / No
 If yes, k = 3

x	y
1	5
4	10
3	7
10	20

 Is this proportional?
 Yes / No
 If yes, k =