

Represent each proportional relationship with a table, graph, and equation. Label both axes of the graph.

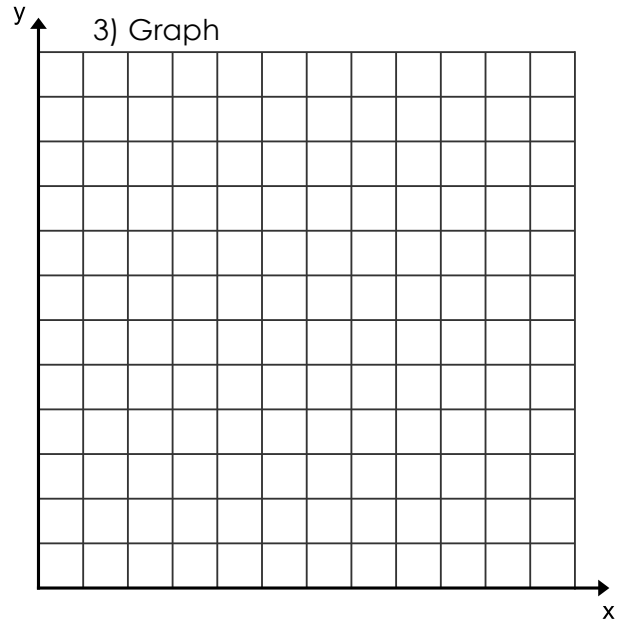
At Smith's grocery store, you can buy 2 pounds of candy for \$1.50.

1) Table

X Pounds	Y Money

2) Equation:

3) Graph



Determine if the following relationships form a proportional relationship. If it does, determine the value of k. If not, explain why.

12) $y = 4x$

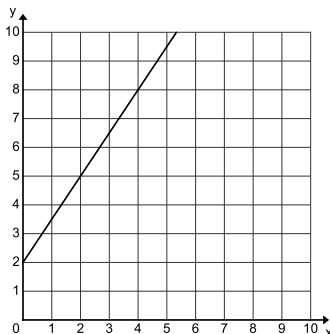
Yes k =	No because
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13)

X	1	4	7	10
Y	4	7	10	13

Yes k =	No because
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14)



Yes k =	No because
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15) $y = 2x - 6$

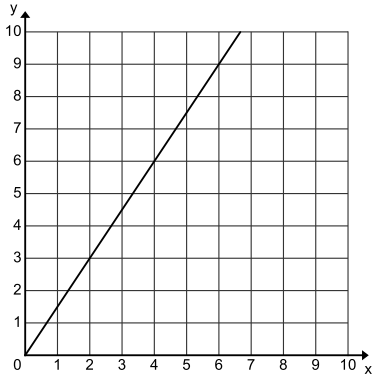
Yes	No because
k =	

16)

X	2	4	6	8
Y	4	8	12	16

Yes	No because
k =	

17)



Yes	No because
k =	

Write the equation of each proportional relationship

18)

X	2	4	5	7
Y	4.5	9	11.25	15.75

Equation: _____

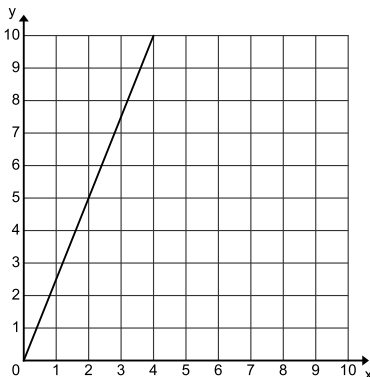
19) Jack spends \$22 on 5 people for their birthday
(Money is dependent, people is independent)

Equation: _____

20) Max can ski 12 miles in 30 minutes.
(Miles is dependent, minutes is independent)

Equation: _____

21)



Equation: _____