Graphing ordered pairs and writing an equation from a table of values in context: Worksheet 10.2

Name ..... Date ..... Score .....

1. Plot the ordered pairs described by the table. Write an equation relating x and y.

Input (x)	Output (y)
0	0
1	3
3	9
5	15
7	21

2. Plot the ordered pairs described by the table. Write an equation relating x and y.

Input (x)	Output (y)
0	8
2	12
3	14
5	18
8	24

3. Plot the ordered pairs described by the table. Write an equation relating x and y.

Input (x)	Output (y)
0	0
1	4
3	12
5	20
7	28

4. Plot the ordered pairs described by the table. Write an equation relating x and y.

Input (x)	Output (y)
0	6
100	8
200	10
500	16
1000	26

5. Plot the ordered pairs described by the table. Write an equation relating x and y.

Input (x)	Output (y)
0	0
2	22
3	33
5	55
8	88

6. Plot the ordered pairs described by the table. Write an equation relating x and y.

Input (x)	Output (y)
0	4
2	14
3	19
5	29
8	44

7. Plot the ordered pairs described by the table. Write an equation relating x and y.

Input (x)	Output (y)
0	0.5
4	1.5
8	2.5
12	3.5
16	4.5

8. Plot the ordered pairs described by the table. Write an equation relating x and y.

Input (x)	Output (y)
0	0
1	8
2	16
3	24
4	32

9. Plot the ordered pairs described by the table. Write an equation relating x and y.

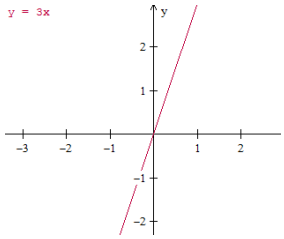
Input (x)	Output (y)
0	0
1	15
2	30
3	45
4	60

Solutions: Worksheet 10.2

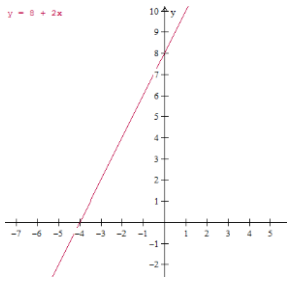
10. Plot the ordered pairs described by the table. Write an equation relating x and y.

Input (x)	Output (y)
0	0

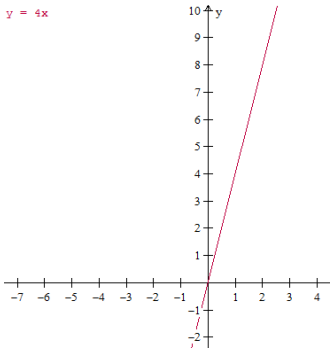
Solutions: Worksheet 10.2

1. 

y = 3x

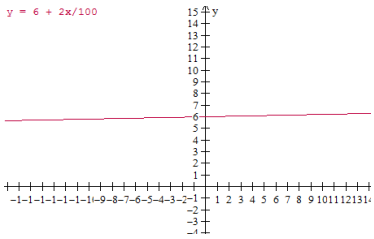
2. 

y = 8 + 2x

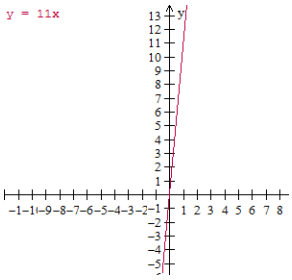
3. 

y = 4x

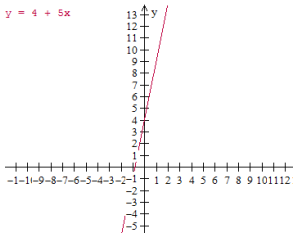
Solutions: Worksheet 10.2

4. 

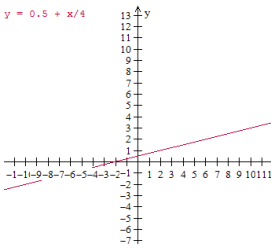
y = 6 + 2x/100

5. 

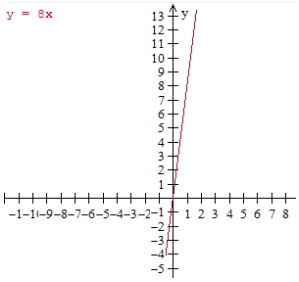
y = 11x

6. 

y = 4 + 5x

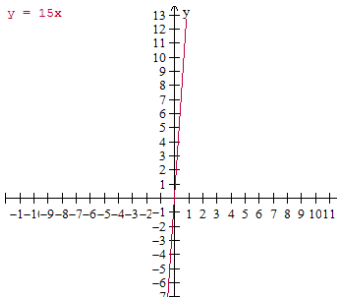
7. 

y = 0.5 + x/4

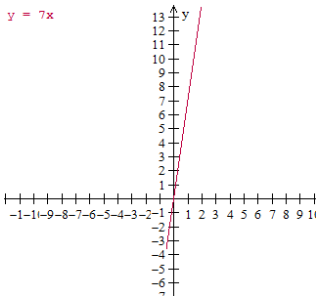
8. 

y = 8x

Solutions: Worksheet 10.2

9. 

y = 15x

10. 

y = 7x