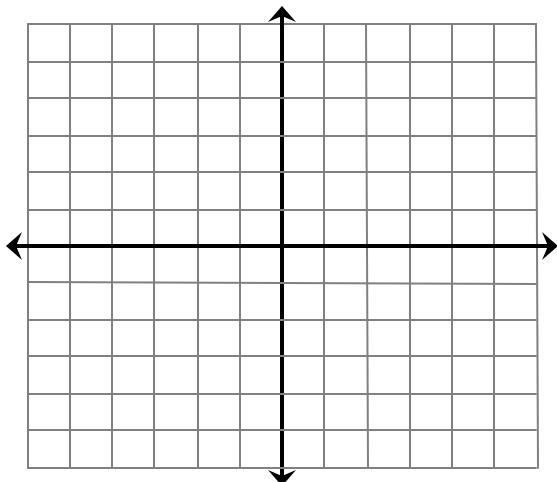


Writing Equations Mixed Review: Practice C

1. Look at the graph below and then pick the function that matches.



a) $f(x) = \frac{3}{1}x + 4$

b) $f(x) = -\frac{3}{1}x + 4$

c) $f(x) = \frac{1}{3}x + 4$

d) $f(x) = -\frac{1}{3}x + 4$

2. The table at the right shows the number of cars that pass through an intersection at various times of the day. Which equation matches this table?

a) $y = 40x + 11$

b) $y = \frac{1}{40}x + 11$

c) $y = 11x + 40$

d) $y = 40x - 11$

Hours past Noon (X)	0	1	2	3	4
Number of Cars (Y)	40	51	62	73	84

3. The table to the right shows the amount of money James has in his bank account. Which equation on the left matches the table on the right?

e) $y = 15x + 125$

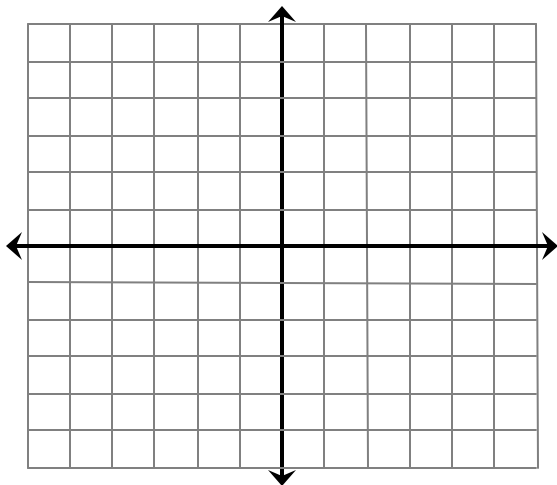
f) $y = \frac{1}{15}x + 125$

g) $y = \frac{1}{125}x + 15$

h) $y = 15x - 125$

Months (X)	0	1	2	3	4
Money in Bank (Y)	125	140	155	170	185

4. Look at the graph below and then pick the function that matches.



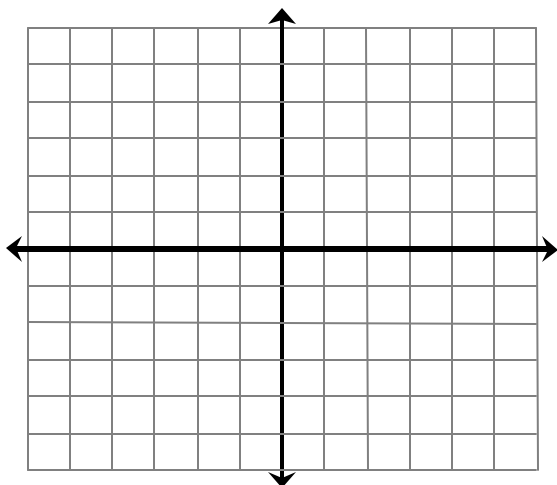
a) $f(x) = \frac{4}{5}x + 2$

b) $f(x) = \frac{5}{4}x + 2$

c) $f(x) = \frac{2}{5}x + 4$

d) $f(x) = \frac{5}{2}x + 4$

5. Look at the graph below and then pick the function that matches.



a) $f(x) = \frac{3}{2}x + 1$

b) $f(x) = -\frac{3}{2}x + 1$

c) $f(x) = x + \frac{3}{2}$

d) $f(x) = x - \frac{3}{2}$

6. The table to the right shows the number of doughnuts that Jane eats after so many minutes.

Which equation on the left matches the table on the right?

i) $y = 3x + 2$

j) $y = \frac{1}{3}x + 2$

k) $y = 2x + 3$

l) $y = 3x$

<u>Minutes (X)</u>	3	4	5	6	7
<u>Doughnuts Eaten (Y)</u>	6	8	10	12	14