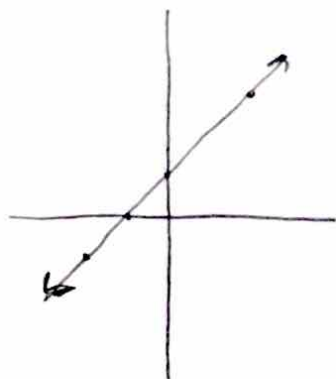


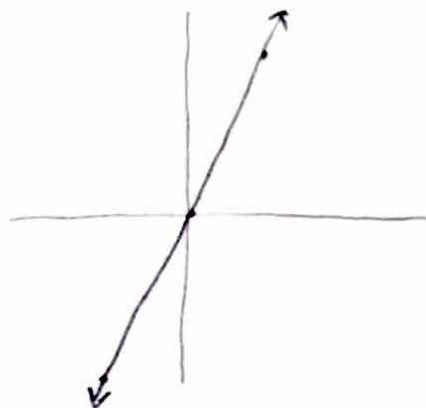
1) $f(x) = x + 1$

x	f(x)
-2	-1
-1	0
0	1
1	2
2	3



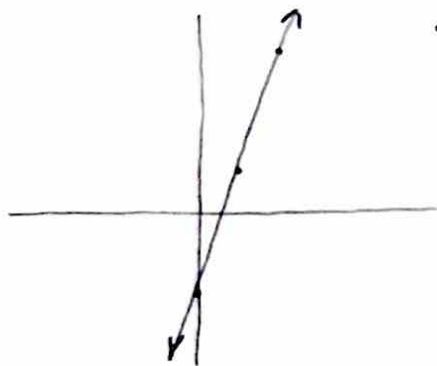
2) $f(x) = 2x$

x	f(x)
-2	-4
-1	-2
0	0
1	2
2	4



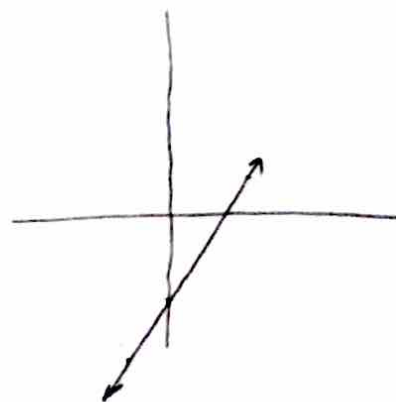
3) $f(x) = 3x - 2$

x	f(x)
-2	-8
-1	-5
0	-2
1	1
2	4



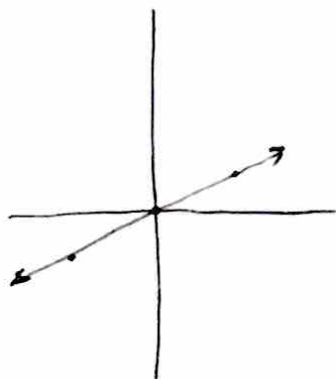
4) $f(x) = \frac{3}{2}x - 2$

x	f(x)
-2	-5
-1	-3.5
0	-2
1	-0.5
2	1



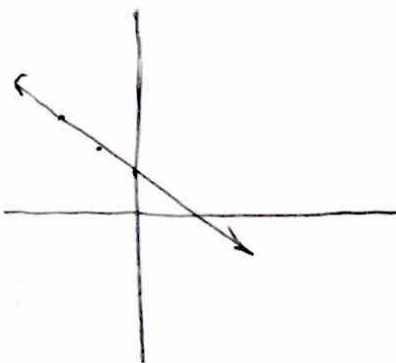
5) $f(x) = \frac{1}{2}x$

x	f(x)
-2	-1
-1	-0.5
0	0
1	0.5
2	1



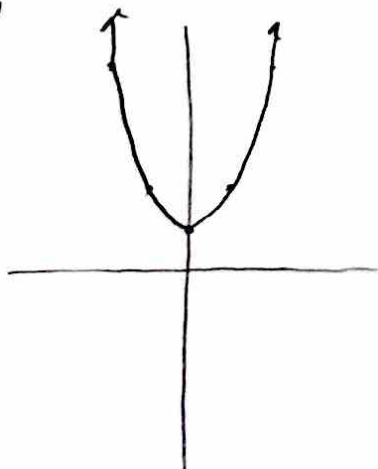
6) $f(x) = -\frac{2}{3}x + 1$

x	f(x)
-2	2.33
-1	1.667
0	1
1	0.333
2	-0.333



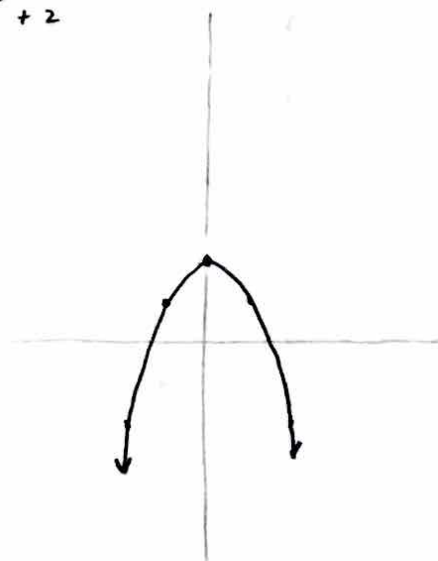
7) $f(x) = x^2 + 1$

x	f(x)
-2	5
-1	2
0	1
1	2
2	5



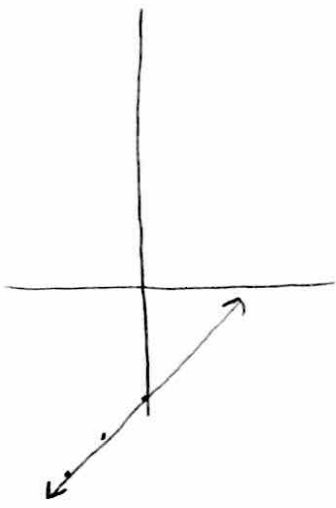
8) $f(x) = -x^2 + 2$

x	f(x)
-2	-2
-1	1
0	2
1	1
2	-2



9) $f(x) = x - 3$

x	f(x)
-2	-5
-1	-4
0	-3
1	-2
2	-1

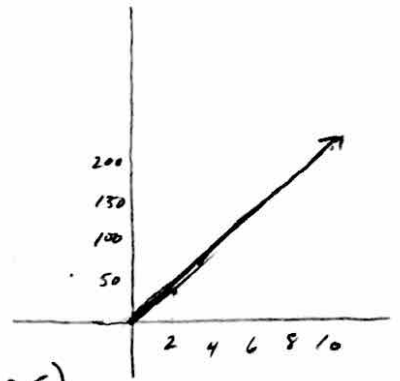


10) $\frac{22 \text{ mi}}{\text{gal}}$

$D(g) = 22g$

a)

g	D(g)
0	0
2	44
5	110
10	220



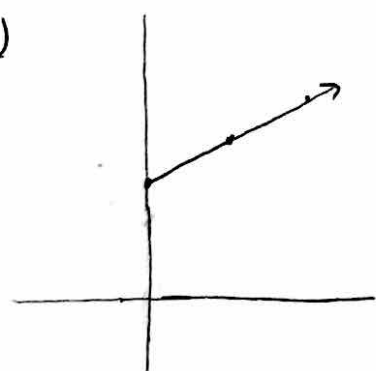
b) $D(10.5) = 22(10.5)$

$D(10.5) = 231$

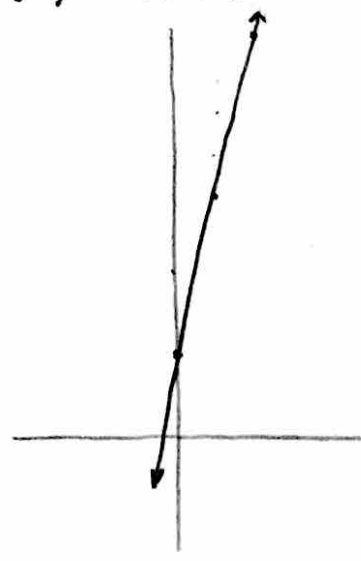
c) Yes, the dots should be connected because you can use a fraction of a gallon.

11) a) $T(n) = 3 + 0.50n$

n	T(n)
0	3
2	4
4	5
6	6



12) $f(x) = 4x + 2$



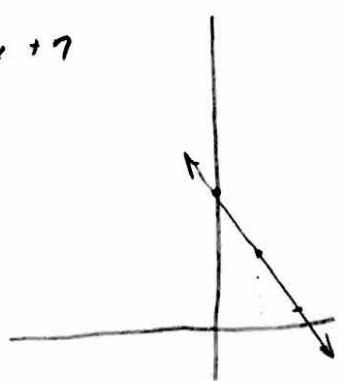
b) $T(6) = 3 + 0.50(6)$

$T(6) = 6$

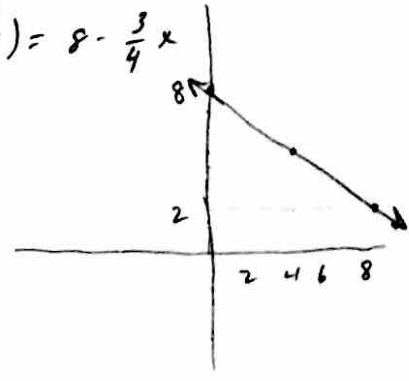
\$6

c) No, the lines should not be connected. You can not have parts of people.

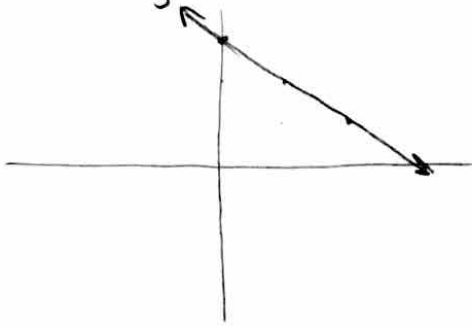
14) $f(x) = -3x + 7$



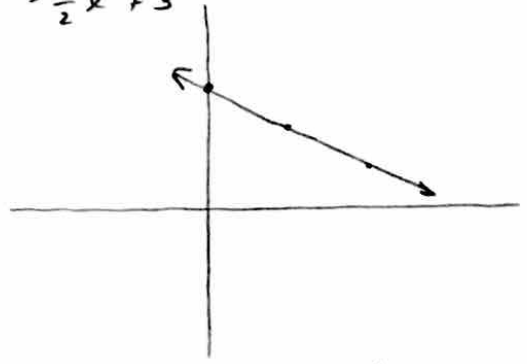
16) $f(x) = 8 - \frac{3}{4}x$



18) $f(x) = -\frac{2}{3}x + 6$

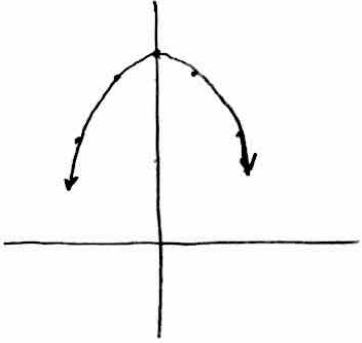


20) $f(x) = -\frac{1}{2}x + 3$



22) $y = 9 - x^2$

x	y
-2	5
-1	8
0	9
1	8
2	5



24)

x	f(x)
-1	-3
0	-1
2	3

26)

x	f(x)
-2	2
-1	0
0	0
1	2

25)

x	f(x)
0	2
1	-1
2	-4