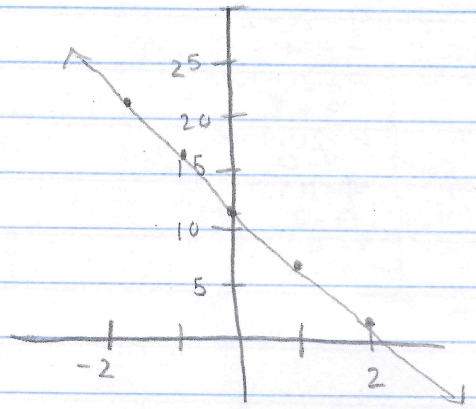
Pg. 257 (14 - 24)

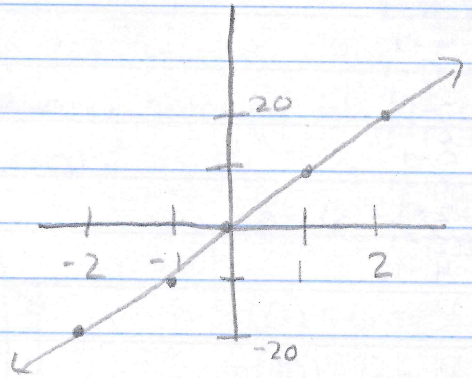
(14) $y = -5x + 12$

x	y	
-2	22	$-5(-2)+12$ $10+12$
-1	17	$-5(-1)+12$ $5+12$
0	12	$-5(0)+12$ $0+12$
1	7	$-5(1)+12$ $-5+12$
2	2	$-5(2)+12$ $-10+12$



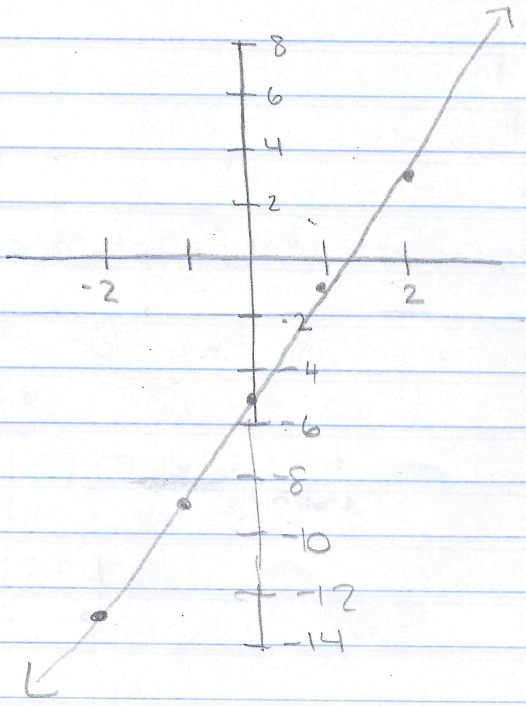
(15) $y = 10x$

x	y	
-2	-20	$10(-2)$
-1	-10	$10(-1)$
0	0	$10(0)$
1	10	$10(1)$
2	20	$10(2)$



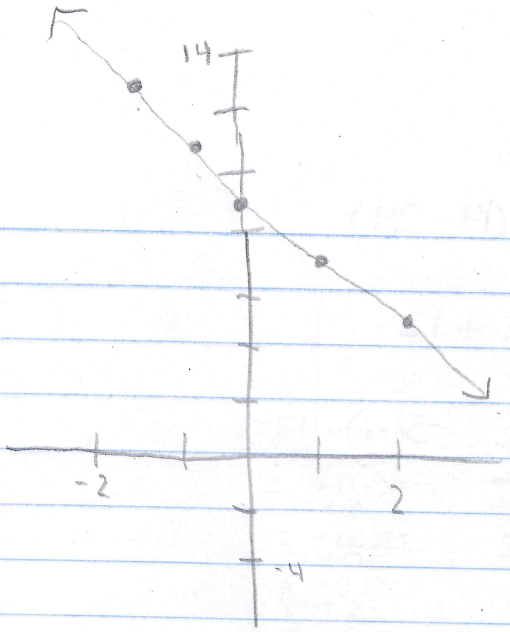
(16) $y = 4x - 5$

x	y	
-2	-13	$4(-2)-5$ $-8-5$
-1	-9	$4(-1)-5$ $-4-5$
0	-5	$4(0)-5$ $0-5$
1	-1	$4(1)-5$ $4-5$
2	3	$4(2)-5$ $8-5$



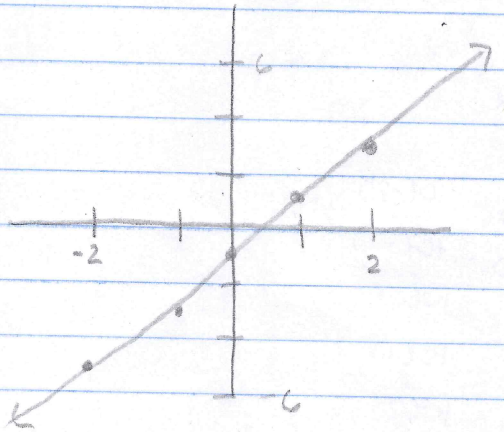
(17) $y = 9 - 2x$

x	y	
-2	13	$9-2(-2)$ $9+4$
-1	11	$9-2(-1)$ $9+2$
0	9	$9-2(0)$ $9-0$
1	7	$9-2(1)$ $9-2$
2	5	$9-2(2)$ $9-4$



(18) $y = 2x - 1$

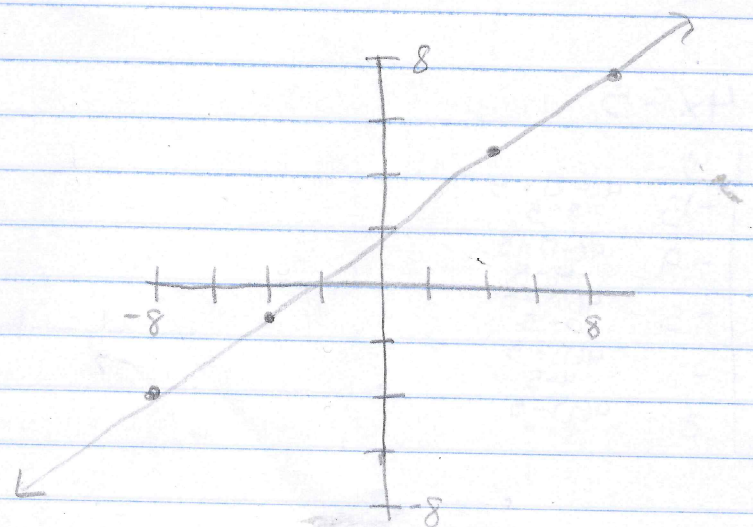
x	y	
-2	-5	$2(-2)-1$ $-4-1$
-1	-3	$2(-1)-1$ $-2-1$
0	-1	$2(0)-1$ $0-1$
1	1	$2(1)-1$ $2-1$
2	3	$2(2)-1$ $4-1$



(19) $y = \frac{3}{4}x + 2$

x	y
-8	-4
-4	-1
4	5
8	8

* Choose multiples of 4 to cancel out fraction



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

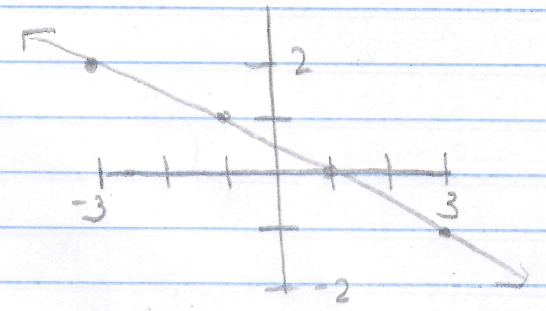
x	y
-3	2
-1	1
1	0
3	-1

$-\frac{1}{2}(3) + \frac{1}{2}$
$+\frac{3}{2} + \frac{1}{2} = \frac{4}{2}$

$-\frac{1}{2}(-1) + \frac{1}{2} = \frac{1}{2} + \frac{1}{2} = 1$

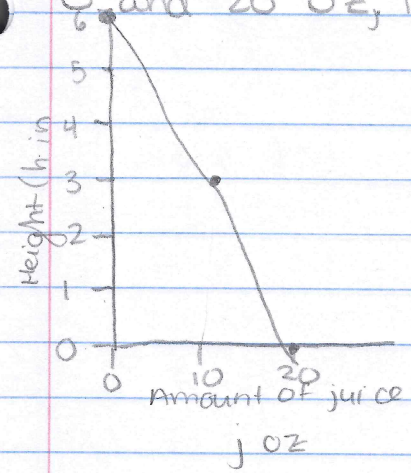
$-\frac{1}{2}(1) + \frac{1}{2} = -\frac{1}{2} + \frac{1}{2}$

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



↑ Choose #s so that both fractions will add up to a whole #

(21) continuous, you can have any amount of juice between 0 and 20 oz, including decimals



$h = 6 - 0.3j$

x	y
0	6
10	3
20	0

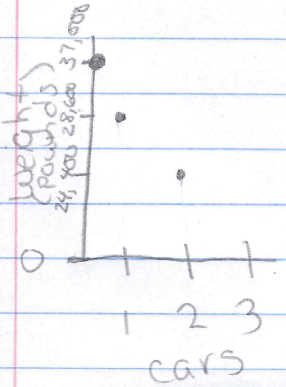
$h(0) = 6 - .3(0)$

$h(10) = 6 - .3(10) = 6 - 3$

$h(20) = 6 - .3(20) = 6 - 6$

(22) discrete - you can only have a whole number for each car

$w = 37{,}000 + 4{,}200c$



x	y
0	37,000
1	28,600
2	24,400