

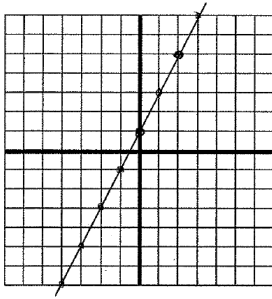
## Answers:

1. a)  $m = \frac{5}{2}$  b)  $b=6$  c)  $y = \frac{5}{2}x + 6$

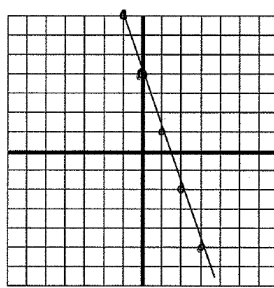
2. a)  $m = \frac{4}{3}$  b)  $b=-1$  c)  $y = \frac{4}{3}x - 1$

3.

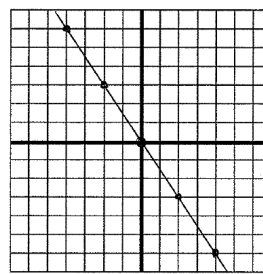
a)  $y = 2x + 1$



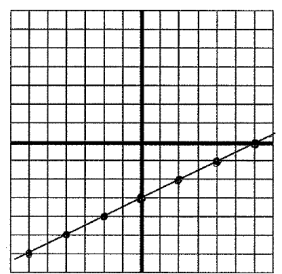
b)  $y = -3x + 4$



c)  $y = -\frac{3}{2}x$



d)  $y = \frac{1}{2}x - 3$

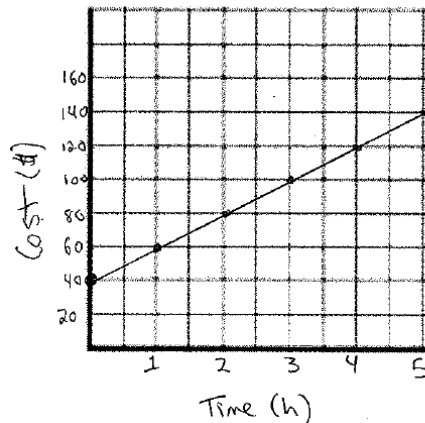


4. a)  $m = 3$  b)  $b=2$  c) partial d)  $y = 3x + 2$

5. a)  $m = \frac{5}{2}$  b)  $b = 16$  c) partial d)  $y = \frac{5}{2}x + 16$

6.  $y = 20x + 40$

Time (hours)	Cost (\$)
0	40
1	60
2	80
3	100
4	120
5	140



7. a)  $m = 1.5$  b)  $b = 5$  c) partial d)  $y = 1.5x + 5$

8. a)  $m = 2.25$  b)  $b = 0$  c)  $y = 2.25x$

9. a)  $m = \frac{1}{2}$  b)  $b = 5$  c)  $y = \frac{1}{2}x + 5$

10. a)  $m = \frac{-7}{3}$  b)  $b = -5$  c)  $y = \frac{-7}{3}x - 5$

11. a)  $b = 6.2$  b)  $m = 1.7$  c)  $y = 1.7x + 6.2$  d) 23.2 cm