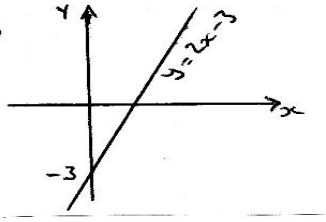
ANSWERS

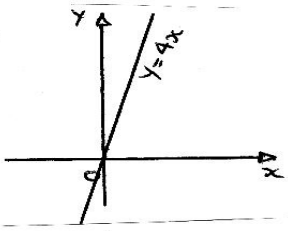
1. a) m=4, c=2 b) m=−3, c=9 c) m=2, c=1/2 d) m=3, c=−9 e) m=1, c=0

2.

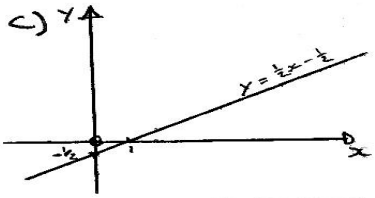
a)



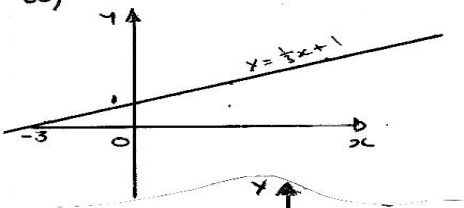
b)



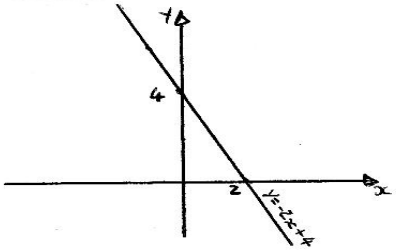
c)



d)



e)



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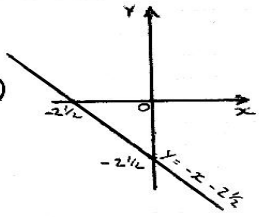
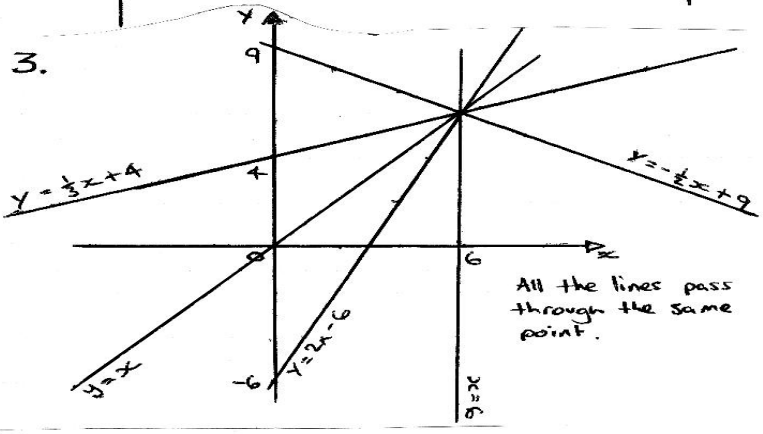


3.



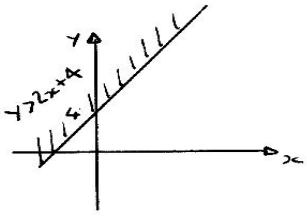
All the lines pass through the same point.

4. a) m=2, c=2; y=2x+2

b) m=$\frac{3}{2}$, c=−2; y=$\frac{3}{2}$x−2

c) m=−1/2, c=−2;
y=−1/2 x − 2

6.



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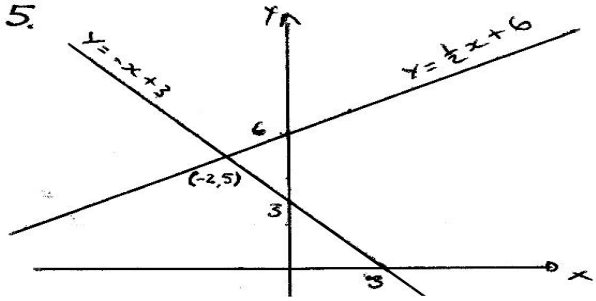

7. m=2/3; y=2/3 x +2

8. m=−1; y=−x+5