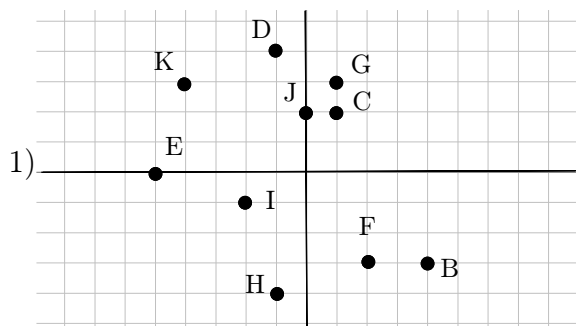


## 2.1 Practice - Points and Lines

State the coordinates of each point.



Plot each point.

2)  $L(-5, 5)$      $K(1, 0)$      $J(-3, 4)$

$I(-3, 0)$      $H(-4, 2)$      $G(4, -2)$

$F(-2, -2)$      $E(3, -2)$      $D(0, 3)$

$C(0, 4)$

Sketch the graph of each line.

3)  $y = -\frac{1}{4}x - 3$

5)  $y = -\frac{5}{4}x - 4$

7)  $y = -4x + 2$

9)  $y = \frac{3}{2}x - 5$

11)  $y = -\frac{4}{5}x - 3$

13)  $x + 5y = -15$

15)  $4x + y = 5$

17)  $2x - y = 2$

19)  $x + y = -1$

21)  $x - y = -3$

4)  $y = x - 1$

6)  $y = -\frac{3}{5}x + 1$

8)  $y = \frac{5}{3}x + 4$

10)  $y = -x - 2$

12)  $y = \frac{1}{2}x$

14)  $8x - y = 5$

16)  $3x + 4y = 16$

18)  $7x + 3y = -12$

20)  $3x + 4y = 8$

22)  $9x - y = -4$



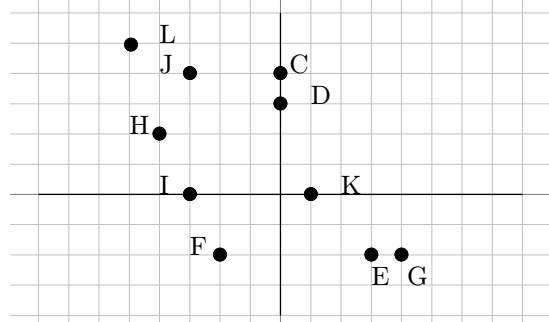
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2.1

### Answers - Points and Lines

- 1)  $B(4, -3)$   $C(1, 2)$   $D(-1, 4)$   
 $E(-5, 0)$   $F(2, -3)$   $G(1, 3)$   
 $H(-1, -4)$   $I(-2, -1)$   $J(0, 2)$   
 $K(-4, 3)$

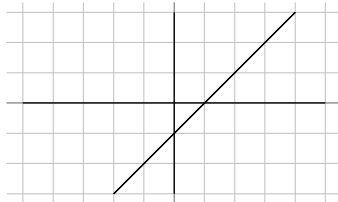
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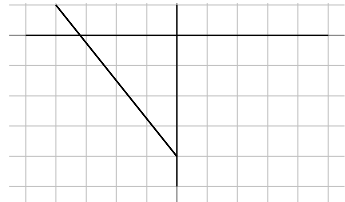
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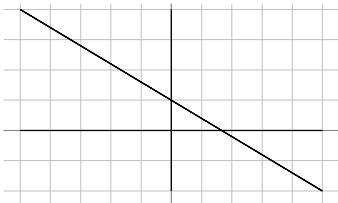
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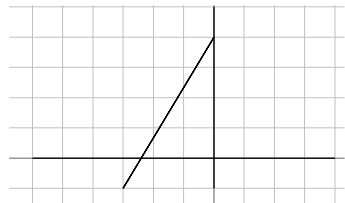
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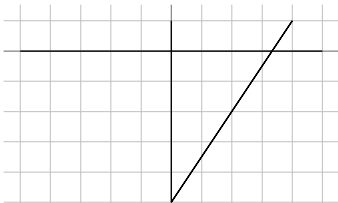
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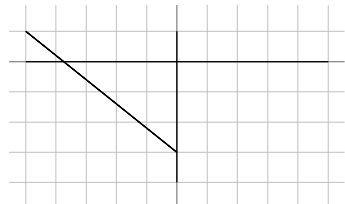
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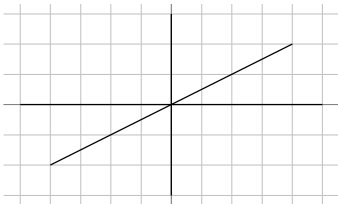
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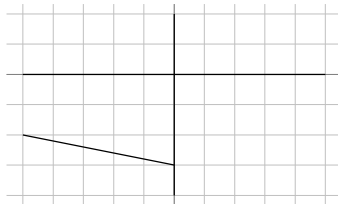
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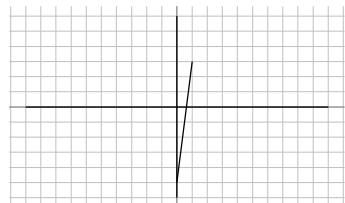
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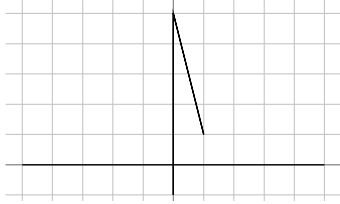
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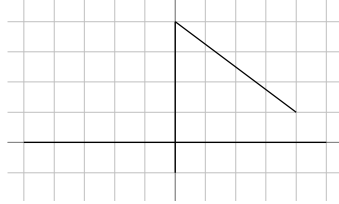
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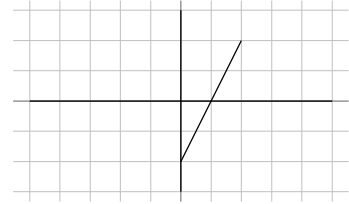
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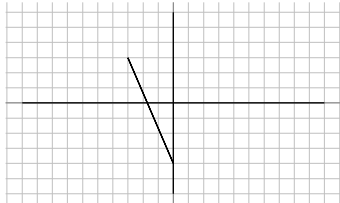
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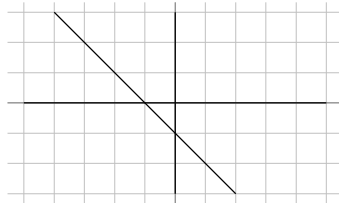
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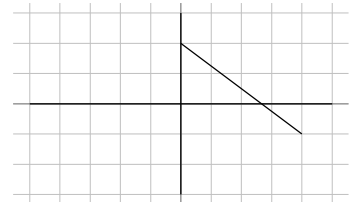
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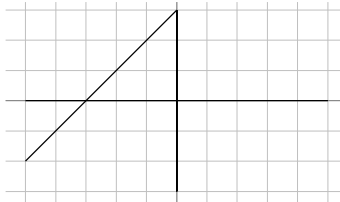
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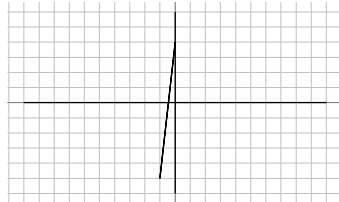
20)



21)



22)



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