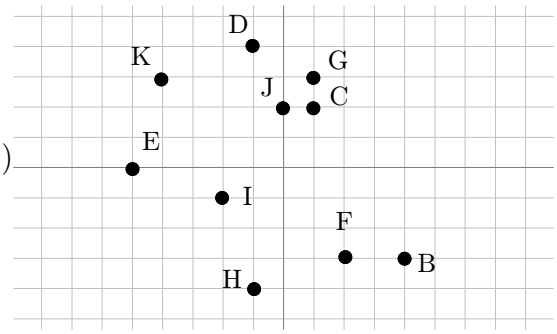
2.1

Practice - Points and Lines

State the coordinates of each point.

1)



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

4) $y = x - 1$

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

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

7) $y = -4x + 2$

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

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

10) $y = -x - 2$

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

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

13) $x + 5y = -15$

14) $8x - y = 5$

15) $4x + y = 5$

16) $3x + 4y = 16$

17) $2x - y = 2$

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

19) $x + y = -1$

20) $3x + 4y = 8$

21) $x - y = -3$

22) $9x - y = -4$

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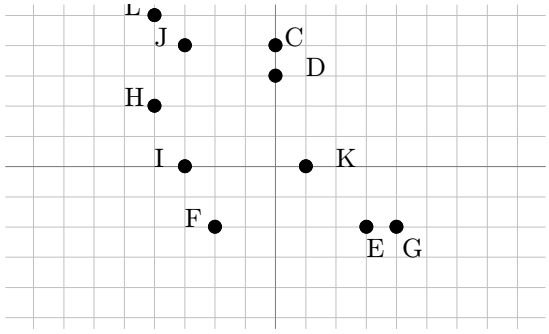
Answers - Points and Lines

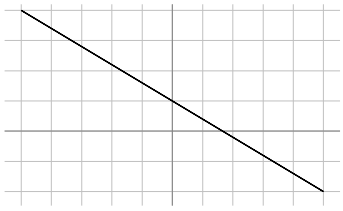
1) B(4, −3) C(1, 2) D(−1, 4)
E(−5, 0) F(2, −3) G(1, 3)
H(−1, −4) I(−2, −1) J(0, 2)
K(−4, 2)

2)



3)

6)



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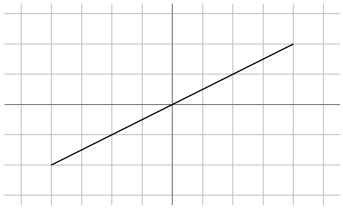
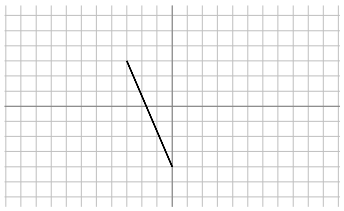


15)

18)

21)



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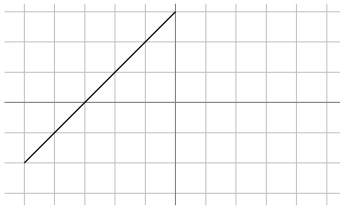

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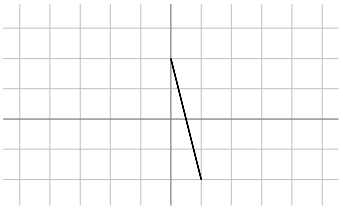

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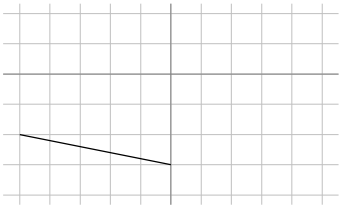

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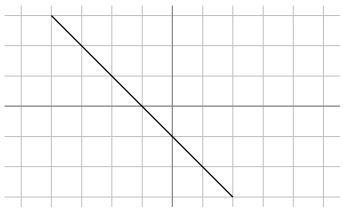

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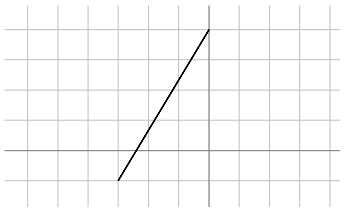

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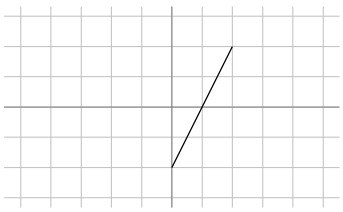

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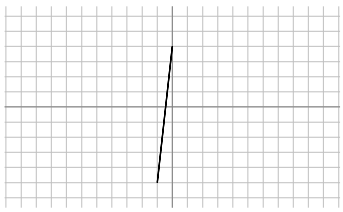

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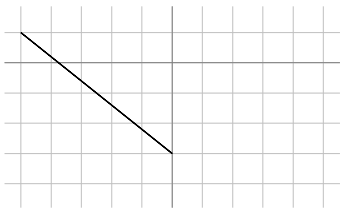

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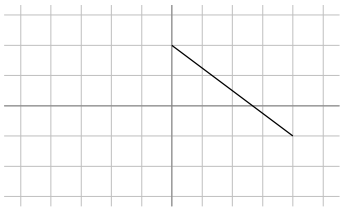

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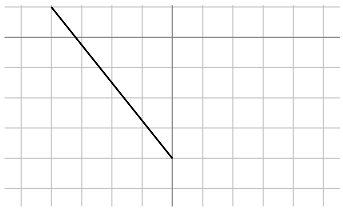

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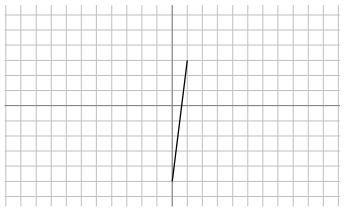

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