

Write in slope, y-intercept form and graph

1. $2x + 3y = 15$

1. $3x + 4y = 12$

1. $-4x + 5y = -30$

m =

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m =

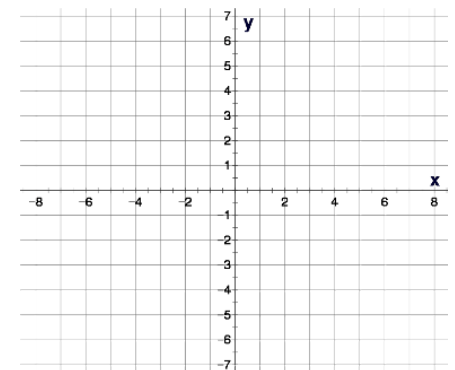
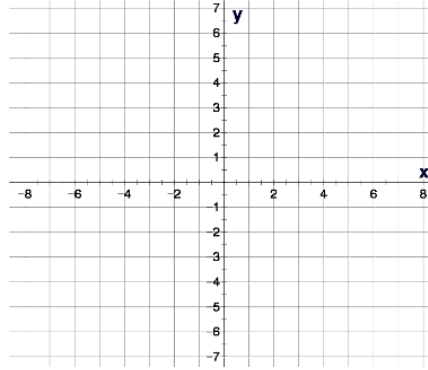
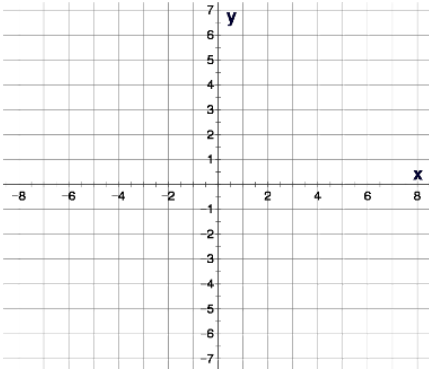
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m =

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2. $5x - 3y = 18$

2. $2x - 5y = 20$

2. $4x - 3y = 18$

m =

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m =

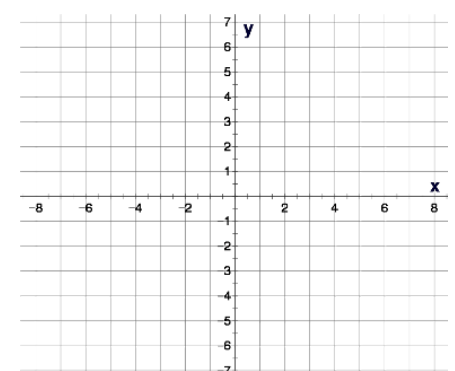
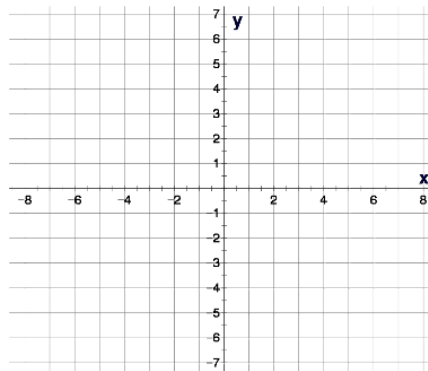
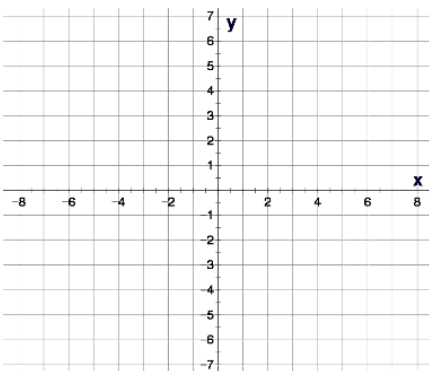
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m =

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Write in slope, y-intercept form and graph

3. $-8x - 3y = -18$

3. $-5x - 4y = -24$

3. $-4x - 5y = -40$

m =

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(,)

m =

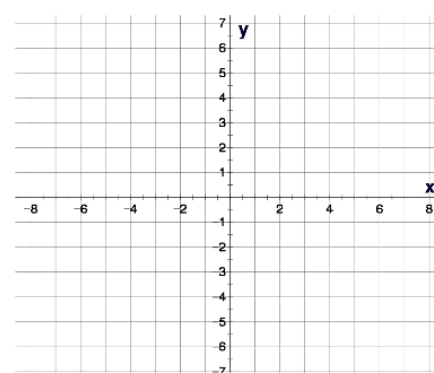
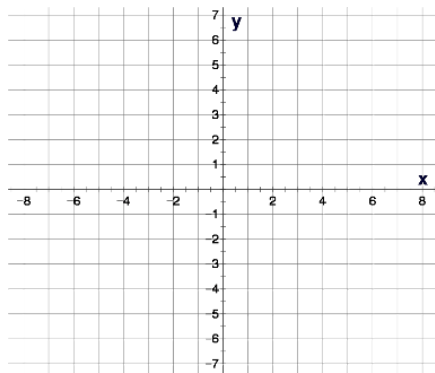
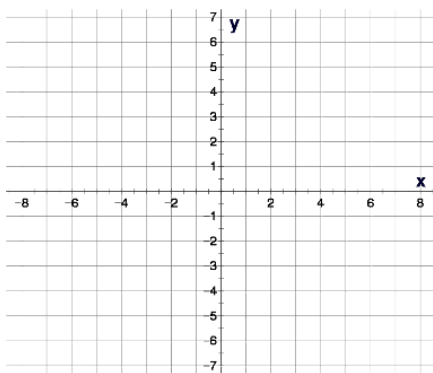
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m =

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4. $-6x + 8y = -24$

4. $-2x + 5y = -20$

4. $-4x + 7y = -21$

m =

(,)

(,)

m =

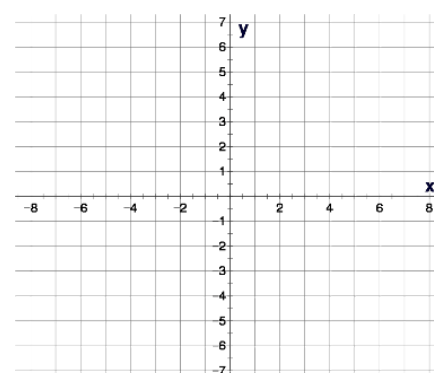
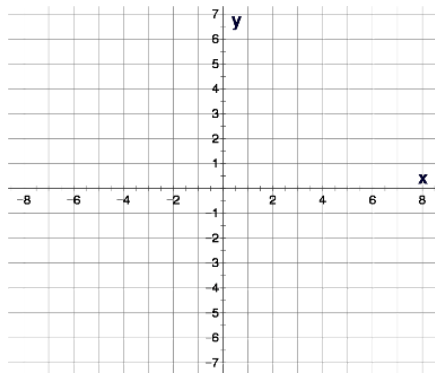
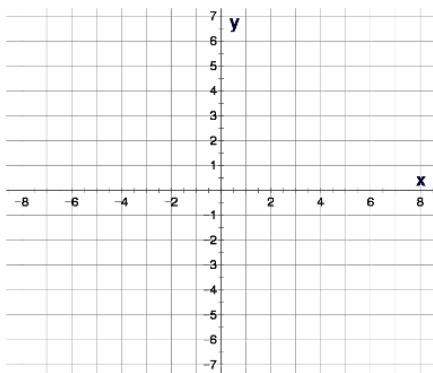
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m =

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Write in slope, y-intercept form and graph

5. $8x + 3y = 18$

5. $5x + 4y = 24$

5. $4x + 5y = 40$

m =

(,)

(,)

m =

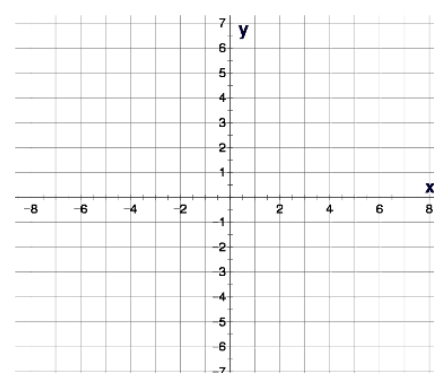
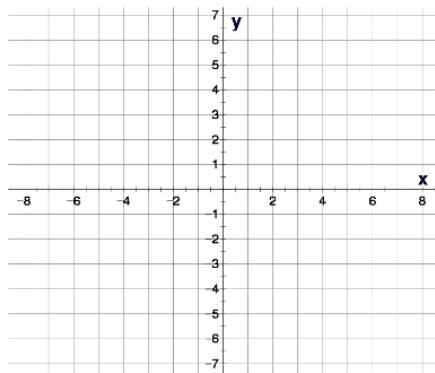
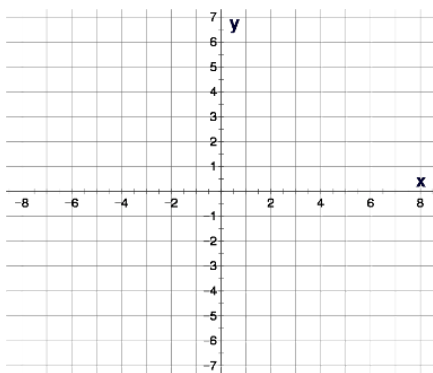
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m =

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6. $6x - 8y = 24$

6. $2x - 5y = 20$

6. $4x - 9y = 27$

m =

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(,)

m =

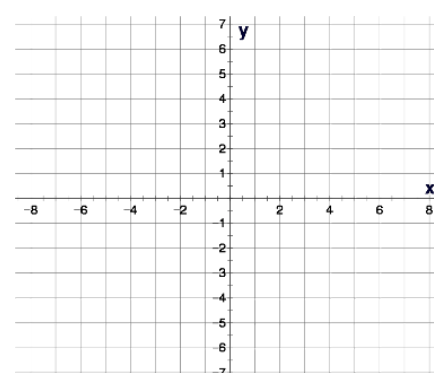
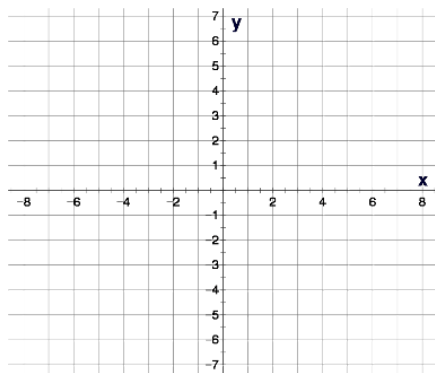
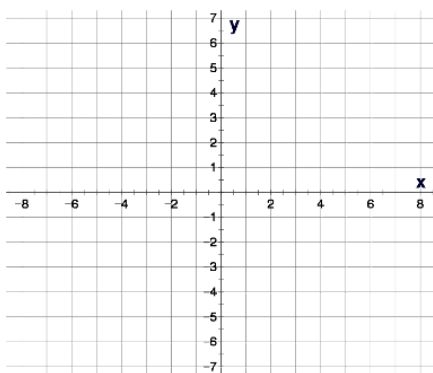
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m =

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Find the slope using the slope formula:

1. $(3, 5)$
 $(1, 2)$

1. $(4, 7)$
 $(1, 3)$

1. $(4, 8)$
 $(2, 5)$

2. $(-3, -5)$
 $(-1, -2)$

2. $(-4, -7)$
 $(-2, -3)$

2. $(-5, -9)$
 $(-2, -4)$

3. $(-3, 5)$
 $(1, -2)$

3. $(-4, 4)$
 $(2, -3)$

3. $(-5, 6)$
 $(2, -4)$

4. $(-3, -5)$
 $(5, -7)$

4. $(-4, -4)$
 $(10, -8)$

4. $(-1, -1)$
 $(3, -4)$

Find the slope using the slope formula:

5. $(3, -5)$
 $(-1, 2)$

5. $(-4, -7)$
 $(-2, 3)$

5. $(5, -1)$
 $(-2, -2)$

6. $(3, -5)$
 $(-1, -2)$

6. $(4, -7)$
 $(-2, -3)$

6. $(-3, -2)$
 $(-2, 4)$

7. $(-3, -5)$
 $(-1, -2)$

7. $(-4, 7)$
 $(-2, -3)$

7. $(-3, -2)$
 $(-2, 4)$

8. $(4, -8)$
 $(-8, -2)$

8. $(-5, -7)$
 $(-7, 3)$

8. $(-3, -7)$
 $(-9, -4)$

Find the slope intercept equation:

1. $(8, 2)$
 $(4, -4)$

1. $(4, 1)$
 $(2, -2)$

1. $(-3, 12)$
 $(3, 4)$

2. $(-4, -7)$
 $(-8, -8)$

2. $y = \frac{3}{2}x - 5$
 $(-5, -5)$
 $(10, -14)$

2. $y = -\frac{4}{3}x + 8$
 $(10, -3)$
 $(-5, 3)$

$y = -\frac{3}{5}x - 8$

$y = -\frac{2}{5}x + 1$

Find the slope intercept equation:

3. $(-6, -13)$
 $(6, -7)$

3. $(-2, -11)$
 $(2, -9)$

3. $(-4, 10)$
 $(4, 4)$

4. $(-3, 6)$
 $(3, -4)$

4. $y = \frac{1}{2}x - 10$
 $(-2, -17)$
 $(4, -2)$

4. $(1, -3)$
 $(3, -13)$

$y = \frac{5}{2}x - 12$

Find a parallel and perpendicular equation through the given point:

1. $\parallel: y = 2x - 5$ (2, 3) 1. $\parallel: y = 3x - 2$ (2, 3) 1. $\parallel: y = 4x - 3$ (2, 3)

$$y = 3x - 3$$

2. $\parallel: y = \frac{2}{3}x - 1$ (-3, -1) 2. $\parallel: y = \frac{3}{4}x - 2$ (-4, -1) 2. $\parallel: y = \frac{2}{5}x - 3$ (-5, 1)

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

Find a parallel and perpendicular equation through the given point:

3. $\parallel: y = -x + 2$ $(-4, 3)$ 3. $\parallel: y = -x + 3$ $(-5, 3)$ 3. $\parallel: y = -x + 4$ $(-6, 5)$

$$y = -x - 2$$

4. $\parallel: y = -\frac{2}{3}x + 2$ $(6, -5)$ 4. $\parallel: y = -\frac{3}{2}x + 3$ $(6, -5)$ 4. $\parallel: y = -\frac{5}{6}x + 1$ $(6, -7)$

$$y = -\frac{3}{2}x + 4$$

Find a parallel and perpendicular equation through the given point:

4. $\perp: y = -\frac{2}{3}x + 2$ $(-6, -7)$ 4. $\perp: y = -\frac{3}{2}x + 1$ $(-6, -3)$ 4. $\perp: y = -\frac{3}{5}x + 3$ $(-6, -5)$

5. $\perp: y = 2x - 5$ $(2, 1)$ 5. $\perp: y = 3x - 1$ $(3, 2)$ 5. $\perp: y = 4x - 3$ $(4, 3)$

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

Find a parallel and perpendicular equation through the given point:

6. $\perp: y = \frac{2}{3}x - 1$ $(-4, 10)$ 6. $\perp: y = \frac{5}{3}x - 4$ $(-10, 8)$ 6. $\perp: y = \frac{2}{5}x - 7$ $(-6, 10)$

7. $\perp: y = x + 2$ $(-5, -1)$ 7. $\perp: y = x + 4$ $(-6, -2)$ 7. $\perp: y = x - 7$ $(-7, -3)$

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

8. $\perp: y = -x + 2$ $(-5, -1)$ 8. $\perp: y = -x + 4$ $(-6, -2)$ 8. $\perp: y = -x - 7$ $(-7, -3)$

$$y = -1x$$