Converting Linear Equations (A)

Convert standard to slope-intercept forms.

1. Standard form: $10x - 7y = -8$

   Slope-intercept form: _____

2. Standard form: $8x + y = 9$

   Slope-intercept form: _____

3. Standard form: $x + 6y = -2$

   Slope-intercept form: _____

4. Standard form: $4x + 3y = 9$

   Slope-intercept form: _____

5. Standard form: $3x + 12y = -8$

   Slope-intercept form: _____

6. Standard form: $x + 2y = -8$

   Slope-intercept form: _____

7. Standard form: $11x - 8y = 3$

   Slope-intercept form: _____

8. Standard form: $4x + 5y = 4$

   Slope-intercept form: _____

9. Standard form: $10x - 12y = -4$

   Slope-intercept form: _____

10. Standard form: $3x - y = 9$

    Slope-intercept form: _____

Converting Linear Equations (A) Answers

Convert standard to slope-intercept forms.

1. Standard form: $10x - 7y = -8$

   Slope-intercept form: $y = \frac{10}{7}x + \frac{8}{7}$

2. Standard form: $8x + y = 9$

   Slope-intercept form: $y = -8x + 9$

3. Standard form: $x + 6y = -2$

   Slope-intercept form: $y = -\frac{1}{6}x - \frac{1}{3}$

4. Standard form: $4x + 3y = 9$

   Slope-intercept form: $y = -\frac{4}{3}x + 3$

5. Standard form: $3x + 12y = -8$

   Slope-intercept form: $y = -\frac{1}{4}x - \frac{2}{3}$

6. Standard form: $x + 2y = -8$

   Slope-intercept form: $y = -\frac{1}{2}x - 4$

7. Standard form: $11x - 8y = 3$

   Slope-intercept form: $y = \frac{11}{8}x - \frac{3}{8}$

8. Standard form: $4x + 5y = 4$

   Slope-intercept form: $y = -\frac{4}{5}x + \frac{4}{5}$

9. Standard form: $10x - 12y = -4$

   Slope-intercept form: $y = \frac{5}{6}x + \frac{1}{3}$

10. Standard form: $3x - y = 9$

    Slope-intercept form: $y = 3x - 9$

Converting Linear Equations (B)

Convert standard to slope-intercept forms.

1. Standard form: $6x - 9y = -2$

   Slope-intercept form: _____

2. Standard form: $x - 5y = -11$

   Slope-intercept form: _____

3. Standard form: $10x - 8y = -2$

   Slope-intercept form: _____

4. Standard form: $8x - 8y = 9$

   Slope-intercept form: _____

5. Standard form: $12x - 3y = 8$

   Slope-intercept form: _____

6. Standard form: $12x + 11y = 10$

   Slope-intercept form: _____

7. Standard form: $3x + 3y = -12$

   Slope-intercept form: _____

8. Standard form: $9x + 8y = 8$

   Slope-intercept form: _____

9. Standard form: $11x - 4y = -9$

   Slope-intercept form: _____

10. Standard form: $4x + 2y = 7$

    Slope-intercept form: _____

Converting Linear Equations (B) Answers

Convert standard to slope-intercept forms.

1. Standard form: $6x - 9y = -2$

   Slope-intercept form: $y = \frac{2}{3}x + \frac{2}{9}$

2. Standard form: $x - 5y = -11$

   Slope-intercept form: $y = \frac{1}{5}x + \frac{11}{5}$

3. Standard form: $10x - 8y = -2$

   Slope-intercept form: $y = \frac{5}{4}x + \frac{1}{4}$

4. Standard form: $8x - 8y = 9$

   Slope-intercept form: $y = x - \frac{9}{8}$

5. Standard form: $12x - 3y = 8$

   Slope-intercept form: $y = 4x - \frac{8}{3}$

6. Standard form: $12x + 11y = 10$

   Slope-intercept form: $y = -\frac{12}{11}x + \frac{10}{11}$

7. Standard form: $3x + 3y = -12$

   Slope-intercept form: $y = -x - 4$

8. Standard form: $9x + 8y = 8$

   Slope-intercept form: $y = -\frac{9}{8}x + 1$

9. Standard form: $11x - 4y = -9$

   Slope-intercept form: $y = \frac{11}{4}x + \frac{9}{4}$

10. Standard form: $4x + 2y = 7$

   Slope-intercept form: $y = -2x + \frac{7}{2}$

Converting Linear Equations (C)

Convert standard to slope-intercept forms.

1. Standard form: $x - 9y = 7$

   Slope-intercept form: _____

2. Standard form: $12x + 10y = 3$

   Slope-intercept form: _____

3. Standard form: $6x - 8y = -11$

   Slope-intercept form: _____

4. Standard form: $8x + y = -5$

   Slope-intercept form: _____

5. Standard form: $10x - 12y = -4$

   Slope-intercept form: _____

6. Standard form: $4x + 12y = -6$

   Slope-intercept form: _____

7. Standard form: $6x - 9y = 9$

   Slope-intercept form: _____

8. Standard form: $9x + 4y = -4$

   Slope-intercept form: _____

9. Standard form: $6x - 3y = 6$

   Slope-intercept form: _____

10. Standard form: $9x - 10y = -12$

    Slope-intercept form: _____

Converting Linear Equations (C) Answers

Convert standard to slope-intercept forms.

1. Standard form: $x - 9y = 7$

   Slope-intercept form: $y = \frac{1}{9}x - \frac{7}{9}$

2. Standard form: $12x + 10y = 3$

   Slope-intercept form: $y = -\frac{6}{5}x + \frac{3}{10}$

3. Standard form: $6x - 8y = -11$

   Slope-intercept form: $y = \frac{3}{4}x + \frac{11}{8}$

4. Standard form: $8x + y = -5$

   Slope-intercept form: $y = -8x - 5$

5. Standard form: $10x - 12y = -4$

   Slope-intercept form: $y = \frac{5}{6}x + \frac{1}{3}$

6. Standard form: $4x + 12y = -6$

   Slope-intercept form: $y = -\frac{1}{3}x - \frac{1}{2}$

7. Standard form: $6x - 9y = 9$

   Slope-intercept form: $y = \frac{2}{3}x - 1$

8. Standard form: $9x + 4y = -4$

   Slope-intercept form: $y = -\frac{9}{4}x - 1$

9. Standard form: $6x - 3y = 6$

   Slope-intercept form: $y = 2x - 2$

10. Standard form: $9x - 10y = -12$

    Slope-intercept form: $y = \frac{9}{10}x + \frac{6}{5}$

Converting Linear Equations (D)

Convert standard to slope-intercept forms.

1. Standard form: $9x + 6y = 6$

   Slope-intercept form: _____

2. Standard form: $4x + 11y = 12$

   Slope-intercept form: _____

3. Standard form: $x + 6y = 11$

   Slope-intercept form: _____

4. Standard form: $2x + 7y = -3$

   Slope-intercept form: _____

5. Standard form: $11x - 6y = 4$

   Slope-intercept form: _____

6. Standard form: $2x + 3y = -10$

   Slope-intercept form: _____

7. Standard form: $11x + 12y = 4$

   Slope-intercept form: _____

8. Standard form: $6x - 10y = -8$

   Slope-intercept form: _____

9. Standard form: $9x + 5y = 10$

   Slope-intercept form: _____

10. Standard form: $5x + 2y = -4$

    Slope-intercept form: _____

Converting Linear Equations (D) Answers

Convert standard to slope-intercept forms.

1. Standard form: $9x + 6y = 6$

   Slope-intercept form: $y = -\frac{3}{2}x + 1$

2. Standard form: $4x + 11y = 12$

   Slope-intercept form: $y = -\frac{4}{11}x + \frac{12}{11}$

3. Standard form: $x + 6y = 11$

   Slope-intercept form: $y = -\frac{1}{6}x + \frac{11}{6}$

4. Standard form: $2x + 7y = -3$

   Slope-intercept form: $y = -\frac{2}{7}x - \frac{3}{7}$

5. Standard form: $11x - 6y = 4$

   Slope-intercept form: $y = \frac{11}{6}x - \frac{2}{3}$

6. Standard form: $2x + 3y = -10$

   Slope-intercept form: $y = -\frac{2}{3}x - \frac{10}{3}$

7. Standard form: $11x + 12y = 4$

   Slope-intercept form: $y = -\frac{11}{12}x + \frac{1}{3}$

8. Standard form: $6x - 10y = -8$

   Slope-intercept form: $y = \frac{3}{5}x + \frac{4}{5}$

9. Standard form: $9x + 5y = 10$

   Slope-intercept form: $y = -\frac{9}{5}x + 2$

10. Standard form: $5x + 2y = -4$

   Slope-intercept form: $y = -\frac{5}{2}x - 2$

Converting Linear Equations (E)

Convert standard to slope-intercept forms.

1. Standard form: $x + y = -7$

   Slope-intercept form: _____

2. Standard form: $5x + 6y = 5$

   Slope-intercept form: _____

3. Standard form: $x + 2y = 10$

   Slope-intercept form: _____

4. Standard form: $7x - y = -9$

   Slope-intercept form: _____

5. Standard form: $2x - 11y = -11$

   Slope-intercept form: _____

6. Standard form: $x + 10y = 2$

   Slope-intercept form: _____

7. Standard form: $2x - 12y = -6$

   Slope-intercept form: _____

8. Standard form: $6x + 3y = -11$

   Slope-intercept form: _____

9. Standard form: $11x - 11y = 1$

   Slope-intercept form: _____

10. Standard form: $9x + 9y = -5$

    Slope-intercept form: _____

Converting Linear Equations (E) Answers

Convert standard to slope-intercept forms.

1. Standard form: $x + y = -7$

   Slope-intercept form: $y = -x - 7$

2. Standard form: $5x + 6y = 5$

   Slope-intercept form: $y = -\frac{5}{6}x + \frac{5}{6}$

3. Standard form: $x + 2y = 10$

   Slope-intercept form: $y = -\frac{1}{2}x + 5$

4. Standard form: $7x - y = -9$

   Slope-intercept form: $y = 7x + 9$

5. Standard form: $2x - 11y = -11$

   Slope-intercept form: $y = \frac{2}{11}x + 1$

6. Standard form: $x + 10y = 2$

   Slope-intercept form: $y = -\frac{1}{10}x + \frac{1}{5}$

7. Standard form: $2x - 12y = -6$

   Slope-intercept form: $y = \frac{1}{6}x + \frac{1}{2}$

8. Standard form: $6x + 3y = -11$

   Slope-intercept form: $y = -2x - \frac{11}{3}$

9. Standard form: $11x - 11y = 1$

   Slope-intercept form: $y = x - \frac{1}{11}$

10. Standard form: $9x + 9y = -5$

   Slope-intercept form: $y = -x - \frac{5}{9}$

Converting Linear Equations (F)

Convert standard to slope-intercept forms.

1. Standard form: $x - 3y = 5$

   Slope-intercept form: _____

2. Standard form: $4x + 10y = -1$

   Slope-intercept form: _____

3. Standard form: $3x - 5y = -1$

   Slope-intercept form: _____

4. Standard form: $3x + 8y = -3$

   Slope-intercept form: _____

5. Standard form: $6x + 6y = 9$

   Slope-intercept form: _____

6. Standard form: $5x - 2y = 2$

   Slope-intercept form: _____

7. Standard form: $10x + 2y = 12$

   Slope-intercept form: _____

8. Standard form: $x + 12y = -5$

   Slope-intercept form: _____

9. Standard form: $7x - 2y = 5$

   Slope-intercept form: _____

10. Standard form: $6x + 9y = 7$

    Slope-intercept form: _____

Converting Linear Equations (F) Answers

Convert standard to slope-intercept forms.

1. Standard form: $x - 3y = 5$

   Slope-intercept form: $y = \frac{1}{3}x - \frac{5}{3}$

2. Standard form: $4x + 10y = -1$

   Slope-intercept form: $y = -\frac{2}{5}x - \frac{1}{10}$

3. Standard form: $3x - 5y = -1$

   Slope-intercept form: $y = \frac{3}{5}x + \frac{1}{5}$

4. Standard form: $3x + 8y = -3$

   Slope-intercept form: $y = -\frac{3}{8}x - \frac{3}{8}$

5. Standard form: $6x + 6y = 9$

   Slope-intercept form: $y = -x + \frac{3}{2}$

6. Standard form: $5x - 2y = 2$

   Slope-intercept form: $y = \frac{5}{2}x - 1$

7. Standard form: $10x + 2y = 12$

   Slope-intercept form: $y = -5x + 6$

8. Standard form: $x + 12y = -5$

   Slope-intercept form: $y = -\frac{1}{12}x - \frac{5}{12}$

9. Standard form: $7x - 2y = 5$

   Slope-intercept form: $y = \frac{7}{2}x - \frac{5}{2}$

10. Standard form: $6x + 9y = 7$

   Slope-intercept form: $y = -\frac{2}{3}x + \frac{7}{9}$

Converting Linear Equations (G)

Convert standard to slope-intercept forms.

1. Standard form: $x - 2y = 12$

   Slope-intercept form: _____

2. Standard form: $4x - 8y = 3$

   Slope-intercept form: _____

3. Standard form: $7x + y = -1$

   Slope-intercept form: _____

4. Standard form: $5x + 6y = 10$

   Slope-intercept form: _____

5. Standard form: $2x - 6y = -11$

   Slope-intercept form: _____

6. Standard form: $9x + 6y = 7$

   Slope-intercept form: _____

7. Standard form: $8x - 7y = -6$

   Slope-intercept form: _____

8. Standard form: $9x - 2y = 11$

   Slope-intercept form: _____

9. Standard form: $3x - 9y = -12$

   Slope-intercept form: _____

10. Standard form: $12x - 12y = 5$

    Slope-intercept form: _____

Converting Linear Equations (G) Answers

Convert standard to slope-intercept forms.

1. Standard form: $x - 2y = 12$

   Slope-intercept form: $y = \frac{1}{2}x - 6$

2. Standard form: $4x - 8y = 3$

   Slope-intercept form: $y = \frac{1}{2}x - \frac{3}{8}$

3. Standard form: $7x + y = -1$

   Slope-intercept form: $y = -7x - 1$

4. Standard form: $5x + 6y = 10$

   Slope-intercept form: $y = -\frac{5}{6}x + \frac{5}{3}$

5. Standard form: $2x - 6y = -11$

   Slope-intercept form: $y = \frac{1}{3}x + \frac{11}{6}$

6. Standard form: $9x + 6y = 7$

   Slope-intercept form: $y = -\frac{3}{2}x + \frac{7}{6}$

7. Standard form: $8x - 7y = -6$

   Slope-intercept form: $y = \frac{8}{7}x + \frac{6}{7}$

8. Standard form: $9x - 2y = 11$

   Slope-intercept form: $y = \frac{9}{2}x - \frac{11}{2}$

9. Standard form: $3x - 9y = -12$

   Slope-intercept form: $y = \frac{1}{3}x + \frac{4}{3}$

10. Standard form: $12x - 12y = 5$

    Slope-intercept form: $y = x - \frac{5}{12}$

Converting Linear Equations (H)

Convert standard to slope-intercept forms.

1. Standard form: $12x - 5y = -8$

   Slope-intercept form: _____

2. Standard form: $9x - 7y = 6$

   Slope-intercept form: _____

3. Standard form: $9x + 11y = -4$

   Slope-intercept form: _____

4. Standard form: $10x + 7y = 6$

   Slope-intercept form: _____

5. Standard form: $8x + 2y = 7$

   Slope-intercept form: _____

6. Standard form: $3x + 6y = 9$

   Slope-intercept form: _____

7. Standard form: $5x - 12y = -5$

   Slope-intercept form: _____

8. Standard form: $4x + 8y = -1$

   Slope-intercept form: _____

9. Standard form: $9x + 12y = -12$

   Slope-intercept form: _____

10. Standard form: $10x + 4y = -2$

   Slope-intercept form: _____

Converting Linear Equations (H) Answers

Convert standard to slope-intercept forms.

1. Standard form: $12x - 5y = -8$

   Slope-intercept form: $y = \frac{12}{5}x + \frac{8}{5}$

2. Standard form: $9x - 7y = 6$

   Slope-intercept form: $y = \frac{9}{7}x - \frac{6}{7}$

3. Standard form: $9x + 11y = -4$

   Slope-intercept form: $y = -\frac{9}{11}x - \frac{4}{11}$

4. Standard form: $10x + 7y = 6$

   Slope-intercept form: $y = -\frac{10}{7}x + \frac{6}{7}$

5. Standard form: $8x + 2y = 7$

   Slope-intercept form: $y = -4x + \frac{7}{2}$

6. Standard form: $3x + 6y = 9$

   Slope-intercept form: $y = -\frac{1}{2}x + \frac{3}{2}$

7. Standard form: $5x - 12y = -5$

   Slope-intercept form: $y = \frac{5}{12}x + \frac{5}{12}$

8. Standard form: $4x + 8y = -1$

   Slope-intercept form: $y = -\frac{1}{2}x - \frac{1}{8}$

9. Standard form: $9x + 12y = -12$

   Slope-intercept form: $y = -\frac{3}{4}x - 1$

10. Standard form: $10x + 4y = -2$

    Slope-intercept form: $y = -\frac{5}{2}x - \frac{1}{2}$

Converting Linear Equations (I)

Convert standard to slope-intercept forms.

1. Standard form: $3x - 3y = 12$

   Slope-intercept form: _____

2. Standard form: $x - 11y = -3$

   Slope-intercept form: _____

3. Standard form: $x - 11y = 3$

   Slope-intercept form: _____

4. Standard form: $9x + 10y = -1$

   Slope-intercept form: _____

5. Standard form: $2x - 9y = 1$

   Slope-intercept form: _____

6. Standard form: $4x + 8y = 3$

   Slope-intercept form: _____

7. Standard form: $7x + 3y = 7$

   Slope-intercept form: _____

8. Standard form: $3x + 4y = 1$

   Slope-intercept form: _____

9. Standard form: $3x + 3y = -7$

   Slope-intercept form: _____

10. Standard form: $4x - 6y = -6$

    Slope-intercept form: _____

Converting Linear Equations (I) Answers

Convert standard to slope-intercept forms.

1. Standard form: $3x - 3y = 12$

   Slope-intercept form: $y = x - 4$

2. Standard form: $x - 11y = -3$

   Slope-intercept form: $y = \frac{1}{11}x + \frac{3}{11}$

3. Standard form: $x - 11y = 3$

   Slope-intercept form: $y = \frac{1}{11}x - \frac{3}{11}$

4. Standard form: $9x + 10y = -1$

   Slope-intercept form: $y = -\frac{9}{10}x - \frac{1}{10}$

5. Standard form: $2x - 9y = 1$

   Slope-intercept form: $y = \frac{2}{9}x - \frac{1}{9}$

6. Standard form: $4x + 8y = 3$

   Slope-intercept form: $y = -\frac{1}{2}x + \frac{3}{8}$

7. Standard form: $7x + 3y = 7$

   Slope-intercept form: $y = -\frac{7}{3}x + \frac{7}{3}$

8. Standard form: $3x + 4y = 1$

   Slope-intercept form: $y = -\frac{3}{4}x + \frac{1}{4}$

9. Standard form: $3x + 3y = -7$

   Slope-intercept form: $y = -x - \frac{7}{3}$

10. Standard form: $4x - 6y = -6$

    Slope-intercept form: $y = \frac{2}{3}x + 1$

Converting Linear Equations (J)

Convert standard to slope-intercept forms.

1. Standard form: $8x + 5y = 1$

   Slope-intercept form: _____

2. Standard form: $10x + 10y = 5$

   Slope-intercept form: _____

3. Standard form: $8x - 2y = -11$

   Slope-intercept form: _____

4. Standard form: $8x + 8y = 8$

   Slope-intercept form: _____

5. Standard form: $3x + 6y = 9$

   Slope-intercept form: _____

6. Standard form: $5x + 4y = 3$

   Slope-intercept form: _____

7. Standard form: $10x - 8y = -4$

   Slope-intercept form: _____

8. Standard form: $5x + 8y = 6$

   Slope-intercept form: _____

9. Standard form: $10x - 6y = -2$

   Slope-intercept form: _____

10. Standard form: $2x + 3y = -7$

   Slope-intercept form: _____

Converting Linear Equations (J) Answers

Convert standard to slope-intercept forms.

1. Standard form: $8x + 5y = 1$

   Slope-intercept form: $y = -\frac{8}{5}x + \frac{1}{5}$

2. Standard form: $10x + 10y = 5$

   Slope-intercept form: $y = -x + \frac{1}{2}$

3. Standard form: $8x - 2y = -11$

   Slope-intercept form: $y = 4x + \frac{11}{2}$

4. Standard form: $8x + 8y = 8$

   Slope-intercept form: $y = -x + 1$

5. Standard form: $3x + 6y = 9$

   Slope-intercept form: $y = -\frac{1}{2}x + \frac{3}{2}$

6. Standard form: $5x + 4y = 3$

   Slope-intercept form: $y = -\frac{5}{4}x + \frac{3}{4}$

7. Standard form: $10x - 8y = -4$

   Slope-intercept form: $y = \frac{5}{4}x + \frac{1}{2}$

8. Standard form: $5x + 8y = 6$

   Slope-intercept form: $y = -\frac{5}{8}x + \frac{3}{4}$

9. Standard form: $10x - 6y = -2$

   Slope-intercept form: $y = \frac{5}{3}x + \frac{1}{3}$

10. Standard form: $2x + 3y = -7$

    Slope-intercept form: $y = -\frac{2}{3}x - \frac{7}{3}$

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