

Quiz 39.3

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Solve each equation. Remember to check for extraneous solutions.

1) $3 = \sqrt{b-2}$

A) {3}

B) {11}

C) {2}

D) {-1, -2}

2) $-3 = -8 + \sqrt{v-4}$

A) {29}

B) {2}

C) {-29}

D) {2, -29}

3) $-1 = \sqrt{\frac{x}{10}} - 2$

A) {2}

B) {-10}

C) {10}

D) {-6}

Solve each system by elimination.

4)
$$\begin{aligned} -6x - 6y &= -30 \\ -5x - 12y &= 10 \end{aligned}$$

A) (5, 10)

B) (-5, -10)

C) (10, -5)

D) (-10, -5)

Write the slope-intercept form of the equation of the line through the given points.

5) through: (-1, 3) and (-2, 2)

A) $y = x + 4$

B) $y = -x + 4$

C) $y = -2x + 4$

D) $y = 3x + 4$