

Algebra 2 Pretest**Write Your Answer**

1. Solve: $-4 < 3 - 3x < 28$

- A. $3 < x < -7$
B. $-7 < x < 3$
C. $-3 < x < 7$
D. $-\frac{3}{7} < x < -\frac{7}{3}$

1.

2. Solve: $|5 + 2x| < 17$

- A. $6 < x < 11$
B. $-11 < x < 6$
C. $x < -6$ or $x > 11$
D. $x < -11$ or $x > 6$

2.

3. Find the equation of the line containing $(3, -2)$ and has a slope of -1 .

- A. $y = -x + 5$
B. $y = -x - 3$
C. $y = -x + 6$
D. $y = -x + 3$

3.

4. Solve the system:
$$\begin{aligned} 3x + y &= 7 \\ 4x + 2y &= 16 \end{aligned}$$

- A. $(-1, 10)$
B. $(10, -1)$
C. $(3, 2.5)$
D. $(2.5, 3)$

4.

5. A delivery van has a fixed charge for the first mile of travel and a charge for each additional mile. If a 6-mile trip costs \$6.90 and an 11-mile trip costs \$11.40, what is the fixed charge for the first mile?

- A. \$.90
B. \$.30
C. \$1.50
D. \$2.40

5.

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JL Elias

A red circular graphic with a gradient, appearing as a semi-circle or a partial circle, located to the right of the JL Elias text.

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