

NAME: _____

1. Solve by completing the square:

$$2x^2 - 4x - 3 = 0$$

- [A] $\frac{2 \pm \sqrt{10}}{2}$ [B] $1 \pm \sqrt{10}$
[C] $\frac{-2 \pm \sqrt{10}}{2}$ [D] $-1 \pm \sqrt{10}$

2. Solve by completing the square:

$$4x^2 + 2x - 5 = 0$$

- [A] $\frac{1 \pm 2\sqrt{21}}{4}$ [B] $\frac{-1 \pm \sqrt{21}}{4}$
[C] $\frac{-1 \pm 2\sqrt{21}}{4}$ [D] $\frac{1 \pm \sqrt{21}}{4}$

3. Solve by completing the square:

$$x^2 - 6x - 4 = 0$$

- [A] $3 \pm \sqrt{13}$ [B] $-3 \pm 2\sqrt{13}$
[C] $3 \pm 2\sqrt{13}$ [D] $-3 \pm \sqrt{13}$

4. Solve by completing the square:

$$3x^2 + 4x - 6 = 0$$

- [A] $\frac{2 \pm 2\sqrt{22}}{3}$ [B] $\frac{-2 \pm \sqrt{22}}{3}$
[C] $\frac{2 \pm \sqrt{22}}{3}$ [D] $\frac{-2 \pm 2\sqrt{22}}{3}$

5. Solve by completing the square:

$$x^2 - 8x - 1 = 0$$

- [A] $4 \pm \sqrt{17}$ [B] $-4 \pm \sqrt{17}$
[C] $4 \pm 2\sqrt{17}$ [D] $-4 \pm 2\sqrt{17}$

6. Solve by completing the square:

$$4x^2 + 8x - 2 = 0$$

- [A] $-1 \pm \sqrt{6}$ [B] $1 \pm \sqrt{6}$
[C] $\frac{2 \pm \sqrt{6}}{2}$ [D] $\frac{-2 \pm \sqrt{6}}{2}$

7. Solve by completing the square:

$$4x^2 - 2x - 3 = 0$$

- [A] $\frac{-1 \pm \sqrt{13}}{4}$ [B] $\frac{1 \pm \sqrt{13}}{4}$
[C] $\frac{1 \pm 2\sqrt{13}}{4}$ [D] $\frac{-1 \pm 2\sqrt{13}}{4}$

8. Solve by completing the square:

$$3x^2 + 6x - 5 = 0$$

- [A] $\frac{-3 \pm 2\sqrt{6}}{3}$ [B] $\frac{3 \pm 4\sqrt{6}}{3}$
[C] $\frac{3 \pm 2\sqrt{6}}{3}$ [D] $\frac{-3 \pm 4\sqrt{6}}{3}$

9. Solve by completing the square:

$$2x^2 - 6x - 1 = 0$$

- [A] $\frac{3 \pm 2\sqrt{11}}{2}$ [B] $\frac{3 \pm \sqrt{11}}{2}$
[C] $\frac{-3 \pm 2\sqrt{11}}{2}$ [D] $\frac{-3 \pm \sqrt{11}}{2}$

10. Solve by completing the square:

$$2x^2 + 8x - 4 = 0$$

- [A] $-2 \pm \sqrt{6}$ [B] $-2 \pm 2\sqrt{6}$
[C] $2 \pm 2\sqrt{6}$ [D] $2 \pm \sqrt{6}$

- [1] A
- [2] B
- [3] A
- [4] B
- [5] A
- [6] D
- [7] B
- [8] A
- [9] B
- [10] A