

Completing the Square Bell Work

1. The solutions of a quadratic equation are also known as:

- a. roots
- b. zeros
- c. both a and b
- d. None of these

2. The solution of $x^2 - 1 = 0$ is:

- a. $x = 1$
- b. $x = \pm 1$
- c. $x = -1$
- d. $x = -i$

3. The solution of $2x^2 - 32 = 0$ is:

- a. $x = -16$
- b. $x = \pm 4$
- c. $x = \pm 4i$
- d. $x = -4i$

4. The solutions $12x^2 - 3x - 9 = 0$ are.

- a. $x = 0, 9$
- b. $x = 1, -3/4$
- c. $x = 1, 3/4$
- d. $x = -1, -3/4$

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Answers:

1. both a and b
2. $x = \pm 1$
3. $x = \pm 4$
4. $x = 1, -3/4$