



Puzzle Time

What Did The Couch Say Halfway Through The Marathon?

Write the letter of each answer in the box containing the exercise number.

Solve the equation using the Quadratic Formula.

1. $x^2 + 4x - 8 = 0$
2. $10x^2 - 2 = 0$
3. $2x^2 + x - 8 = 0$
4. $-x^2 + 3x + 5 = 0$
5. $4x^2 - 5x = -2$
6. $x^2 + 1 = -2x$
7. $-4x^2 + 6x - 2 = 0$
8. $3x^2 - x = -2$
9. $-x^2 + 2x = 7$
10. $x^2 = x$

Answers

- O. $x = 1 \pm i\sqrt{6}$
- A. $x = \frac{3 \pm \sqrt{29}}{2}$
- S. $x = -2 \pm 2\sqrt{3}$
- F. $x = \frac{-1 \pm \sqrt{65}}{4}$
- O. $x = \frac{\pm\sqrt{5}}{5}$
- S. $x = \frac{5 \pm i\sqrt{7}}{8}$
- D. $x = 0; x = 1$
- O. $x = -1$
- G. $x = 1; x = \frac{1}{2}$
- O. $x = \frac{1 \pm i\sqrt{23}}{6}$

1	2	3	4		5	6		7	8	9	10
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