

Consider the equation $ax^2 + bx + c = 0$ ($a \neq 0$):

If $b^2 - 4ac$ is a nonzero perfect square, the solutions are _____ numbers and _____.

- A) negative ... equal
- B) positive ... unequal
- C) rational ... equal
- D) rational ... unequal

If $b^2 - 4ac$ is a nonzero perfect square, the solutions are rational numbers and unequal.

Answer **D**

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