

FINDING FACTORS OF QUADRATIC EQUATION

Pick the right option from the question below.

1. Which two factors of $6x^2$ combined will give the sum of $-5x$ in the equation $x^2 - 5x + 6$
 - a) $(6x) + (-x)$
 - b) $(-3x) + (-2x)$
 - c) $(-5x) + (-2x)$
2. Which two factors of $30x^2$ combined will give the sum of $11x$ in the equation $x^2 + 11x + 30$
 - a) $(6x) + (5x)$
 - b) $(12x) + (-x)$
 - c) $(-6x) + (5x)$
3. Which two factors of $4x^2$ combined will give the sum of $5x$ in the equation $2x^2 + 5x + 2$
 - a) $(-4x) + (2x)$
 - b) $(-3x) + (-2x)$
 - c) $(4x) + (x)$
4. Which two factors of $6y^2$ combined will give the sum of $-7y$ in the equation $2y^2 - 7y + 3$
 - a) $(-4y) + (3y)$
 - b) $(-6y) + (-y)$
 - c) $(-5y) + (2y)$
5. Which two factors of $20x^2$ combined will give the sum of $-9x$ in the equation $x^2 - 9x + 20$
 - a) $(-4x) + (-5x)$
 - b) $(4x) + (5x)$
 - c) $(-3x) + (-3x)$