

11. Fred is given a rectangular piece of paper. If the length of Fred's piece of paper is represented by $2x - 6$ and the width is represented by $3x - 5$, then the paper has a total area represented by
- A. $5x - 11$ B. $6x^2 - 28x + 30$ C. $10x - 22$ D. $6x^2 - 6x - 11$
11. _____
12. When factored completely, the expression $p^4 - 81$ is equivalent to
- A. $(p^2 + 9)(p^2 - 9)$ B. $(p^2 - 9)(p^2 - 9)$
C. $(p^2 + 9)(p + 3)(p - 3)$ D. $(p + 3)(p - 3)(p + 3)(p - 3)$
12. _____
13. When $(2x - 3)^2$ is subtracted from $5x^2$, the result is
- A. $x^2 - 12x - 9$ B. $x^2 - 12x + 9$ C. $x^2 + 12x - 9$ D. $x^2 + 12x + 9$
13. _____
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14. When factored completely, $x^3 - 13x^2 - 30x$ is
- A. $x(x + 3)(x - 10)$ B. $x(x - 3)(x - 10)$ C. $x(x + 2)(x - 15)$ D. $x(x - 2)(x + 15)$
14. _____
15. Which expression is equivalent to $16x^2 - 36$?
- A. $4(2x - 3)(2x - 3)$ B. $4(2x + 3)(2x - 3)$ C. $(4x - 6)(4x - 6)$ D. $(4x + 6)(4x + 6)$
15. _____
16. Which expression is equivalent to $2(3g - 4) - (8g + 3)$?
- A. $-2g - 1$ B. $-2g - 5$ C. $-2g - 7$ D. $-2g - 11$
16. _____