

- 1 Which of the following is equivalent to the expression below?

$$x^2 + 3x - 28$$

- A. $(x - 4)(x + 7)$
- B. $(x + 4)(x - 7)$
- C. $(x - 14)(x + 2)$
- D. $(x + 14)(x - 2)$

Mark your answer here: 1. A B C D

- 2 Which of the following is equivalent to the expression below?

$$3(9x + 12) - (2x + 5)$$

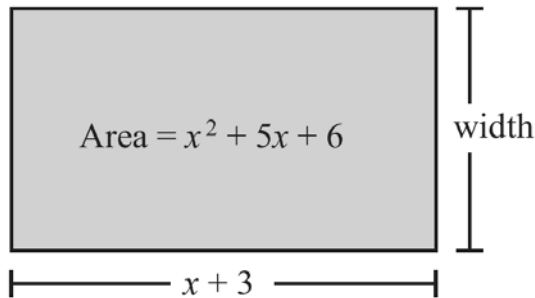
- A. $29x + 41$
- B. $25x + 31$
- C. $29x + 17$
- D. $25x + 7$

Mark your answer here: 2. A B C D



- 3 A diagram of Lynne's rectangular yard is shown below.

Mark your answer here: 3. (A)(B)(C)(D)



Expressions representing the area and length of Lynne's yard are as follows:

Area of yard: $x^2 + 5x + 6$

Length of yard: $x + 3$

Which of the following expressions represents the width of Lynne's yard?

- A. $x + 1$
- B. $x + 2$
- C. $x + 3$
- D. $x + 6$

