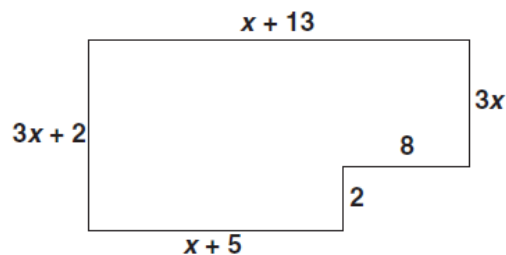


**51** A volleyball court is shaped like a rectangle. It has a width of  $x$  meters and a length of  $2x$  meters. Which expression gives the area of the court in square meters?

- A  $3x$
- B  $2x^2$
- C  $3x^2$
- D  $2x^3$

CSA00496

**52** What is the perimeter of the figure shown below, which is not drawn to scale?



- A  $5x + 33$
- B  $5x^3 + 33$
- C  $8x + 30$
- D  $8x^4 + 30$

CSA10016

**53** Which is the factored form of  $3a^2 - 24ab + 48b^2$ ?

- A  $(3a - 8b)(a - 6b)$
- B  $(3a - 16b)(a - 3b)$
- C  $3(a - 4b)(a - 4b)$
- D  $3(a - 8b)(a - 8b)$

CSA00066

**54** Which is a factor of  $x^2 - 11x + 24$ ?

- A  $x + 3$
- B  $x - 3$
- C  $x + 4$
- D  $x - 4$

CSA00503

**55** Which of the following shows  $9t^2 + 12t + 4$  factored completely?

- A  $(3t + 2)^2$
- B  $(3t + 4)(3t + 1)$
- C  $(9t + 4)(t + 1)$
- D  $9t^2 + 12t + 4$

CSA20106

**56** What is the complete factorization of  $32 - 8z^2$ ?

- A  $-8(2 + z)(2 - z)$
- B  $8(2 + z)(2 - z)$
- C  $-8(2 + z)^2$
- D  $8(2 - z)^2$

CSA20105

## Answers

51	<i>B</i>
52	<i>C</i>
53	<i>C</i>
54	<i>B</i>
55	<i>A</i>
56	<i>B</i>