

**4** Which pair of simultaneous equations has the solution  $x = -5$ ,  $y = 3$ ?

(A)  $y = x + 8, 4x - 3y = 29$

(B)  $y - x = 8, 4x - 3y = 26$

(C)  $y = x + 8, 3x - 2y = -21$

(D)  $x + y = 2, 5x + y = -22$

**5** Caprice buys a car for \$22 000. It depreciates at a rate of 5% per year.

Which of the following best describes its value,  $S$  dollars, at the end of two years?

(A)  $S = 22000(1 + 0.05)^2$

(B)  $S = 22000(1 - 0.05)^2$

(C)  $S = 22000 \times 0.05 \times 2$

(D)  $S = 22000 - 20000 \times 0.05 \times 2$

**6** In a science test, a class of 24 boys had a mean of 56 and a class of 16 girls had a mean of 66.

What is the combined mean of the two classes?

(A) 61

(B) 56

(C) 60

(D) 62