

57 If x^2 is added to x , the sum is 42. Which of the following could be the value of x ?

- A -7
- B -6
- C 14
- D 42

CSA10171

58 What quantity should be added to both sides of this equation to complete the square?

$$x^2 - 8x = 5$$

- A 4
- B -4
- C 16
- D -16

CSA00478

59 What are the solutions for the quadratic equation $x^2 + 6x = 16$?

- A -2, -8
- B -2, 8
- C 2, -8
- D 2, 8

CSA10062

60 Leanne correctly solved the equation $x^2 + 4x = 6$ by completing the square. Which equation is part of her solution?

- A $(x+2)^2 = 8$
- B $(x+2)^2 = 10$
- C $(x+4)^2 = 10$
- D $(x+4)^2 = 22$

CSA20139

61 Carter is solving this equation by factoring.

$$10x^2 - 25x + 15 = 0$$

Which expression could be one of his correct factors?

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

CSA00162

62 What are the solutions for the quadratic equation $x^2 - 8x = 9$?

- A 3
- B 3, -3
- C 1, -9
- D -1, 9

CSA10063

Answers

57	<i>A</i>
58	<i>C</i>
59	<i>C</i>
60	<i>B</i>
61	<i>D</i>
62	<i>D</i>