

45 Members of a senior class held a car wash to raise funds for their senior prom. They charged \$3 to wash a car and \$5 to wash a pick-up truck or a sport utility vehicle. If they earned a total of \$275 by washing a total of 75 vehicles, how many cars did they wash?

- A 25
- B 34
- C 45
- D 50

CSA10187

46 At what point do the lines represented by the equations $2x + y + 1 = 0$ and $4x + y - 3 = 0$ intersect?

- A (2, 5)
- B (2, -5)
- C (-1, 1)
- D (1, -1)

CSA20092

47 $\frac{5x^3}{10x^7} =$

- A $2x^4$
- B $\frac{1}{2x^4}$
- C $\frac{1}{5x^4}$
- D $\frac{x^4}{5}$

CSA00303

48 $(4x^2 - 2x + 8) - (x^2 + 3x - 2) =$

- A $3x^2 + x + 6$
- B $3x^2 + x + 10$
- C $3x^2 - 5x + 6$
- D $3x^2 - 5x + 10$

CSA00086

49 The sum of two binomials is $5x^2 - 6x$. If one of the binomials is $3x^2 - 2x$, what is the other binomial?

- A $2x^2 - 4x$
- B $2x^2 - 8x$
- C $8x^2 + 4x$
- D $8x^2 - 8x$

CSA10160

50 Which of the following expressions is equal to $(x + 2) + (x - 2)(2x + 1)$?

- A $2x^2 - 2x$
- B $2x^2 - 4x$
- C $2x^2 + x$
- D $4x^2 + 2x$

CSA10191

Answers

45	<i>D</i>
46	<i>B</i>
47	<i>B</i>
48	<i>D</i>
49	<i>A</i>
50	<i>A</i>