



Simplify multi-step algebraic expressions

1

Figure out the answer by using the correct order of operations

$$6 \times (7 - 3) \times 2 - 5 = ?$$

A

49

B

36

C

180

D

43

E

34

F

33

2

Figure out the answer by using the correct order of operations

$$(9 + 15) \div 6 + 2 \times 7 = ?$$

A

18

B

9

C

1

D

12

E

11

F

19

3

Which answer is the same expression as this

$$(y - 9)(x - 6)$$

A

$$yx - 9x - 6y + 54$$

B

$$15yx - 9x + 6y + 54$$

4

Which answer is the same expression as this

$$(z + 4)(z - 6)$$

A

$$24z^2 - 2z - 24$$

B

$$z^2 - 2z - 24$$

5

Which answer is the same expression as this

$$(p - 7)(p - 9)$$

A

$$p^2 - 16p + 16$$

B

$$p^2 - 16p + 63$$

6

Which answer is the same expression as this

$$(x + 8)(x + 3)$$

A

$$x^2 + 11x + 24$$

B

$$24x^2 + 11x + 24$$

7

Which answer is the same expression as this

$$(q - 6)(q + 5)$$

A

$$q^2 - 1q - 11$$

B

$$q^2 - 1q - 30$$

8

Which answer is the same expression as this

$$(n + 2)(n + 9)$$

A

$$11n^2 + 11n + 18$$

B

$$n^2 + 11n + 18$$

**Simplify multi-step algebraic expressions****9**

Which answer is the same expression as this

$$(n + 5)(n - 4)$$

A

$$n^2 + 1n - 20$$

B

$$n^2 + 1n - 9$$

10

Which answer is the same expression as this

$$(p - 3)(p - 5)$$

A

$$p^2 - 8p + 15$$

B

$$15p^2 - 8p + 15$$

11

Which answer is the same expression as this

$$(p - 3)(p + 6)$$

A

$$p^2 + 3p - 3$$

B

$$p^2 + 3p - 18$$

12

Which answer is the same expression as this

$$(t - 3)(t + 6)$$

A

$$t^2 + 3t - 18$$

B

$$9t^2 + 3t - 18$$