

1 Is the equation $3(2x - 4) = -18$ equivalent to $6x - 12 = -18$?

- A Yes, the equations are equivalent by the Associative Property of Multiplication.
- B Yes, the equations are equivalent by the Commutative Property of Multiplication.
- C Yes, the equations are equivalent by the Distributive Property of Multiplication over Addition.
- D No, the equations are not equivalent.

CSA10108

2 Which statement is false?

- A The order in which two whole numbers are subtracted does not affect the difference.
- B The order in which two whole numbers are added does not affect the sum.
- C The order in which two rational numbers are added does not affect the sum.
- D The order in which two rational numbers are multiplied does not affect the product.

CSA0001

3 $\sqrt{16} + \sqrt[3]{8} =$

- A 4
- B 6
- C 9
- D 10

CSA00471

4 Which expression is equivalent to x^6x^2 ?

- A x^4x^3
- B x^5x^3
- C x^7x^3
- D x^9x^3

CSA20167

5 Which number does *not* have a reciprocal?

- A -1
- B 0
- C $\frac{1}{1000}$
- D 3

CSA10152

6 What is the multiplicative inverse of $\frac{1}{2}$?

- A -2
- B $-\frac{1}{2}$
- C $\frac{1}{2}$
- D 2

CSA10153

Answers

1	<i>C</i>
2	<i>A</i>
3	<i>B</i>
4	<i>B</i>
5	<i>B</i>
6	<i>D</i>