

Name: _____

Score: _____

MCQ - Equations

Sheet 2

Identify the property from the choices below.

1) Commutative

A. $6 \times 2 = 2 \times 6$

B. $6 + (2 + 11) = (6 + 2) + 11$

C. $6 \times 1 = 6$

D. $6 + (-6) = 0$

Correct Choice:

2) Inverse

A. $11 + 4 = 4 + 11$

B. $11 \times \frac{1}{11} = 1$

C. $11 + 0 = 11$

D. $11 \times (4 + 7) = 11 \times 4 + 11 \times 7$

Correct Choice:

3) Identity

A. $5 \times 9 = 9 \times 5$

B. $5 + (9 + 4) = (5 + 9) + 4$

C. $5 + (-5) = 0$

D. $5 + 0 = 5$

Correct Choice:

5) Associative

A. $7 + 0 = 7$

B. $7 \times (6 \times 3) = (7 \times 6) \times 3$

C. $7 \times 6 = 6 \times 7$

D. $7 + (-7) = 0$

Correct Choice:

7) Inverse

A. $10 + (-10) = 0$

B. $10 + 0 = 10$

C. $10 \times 5 = 5 \times 10$

D. $10 \times (5 + 3) = (10 \times 5) + 30$

Correct Choice:

9) Commutative

A. $11 \times (5 \times 8) = (11 \times 5) \times 8$

B. $11 \times 5 = 5 \times 11$

C. $11 \times (5 + 8) = 11 \times 5 + 11 \times 8$

D. $11 + 0 = 11$

Correct Choice:

4) Distributive

A. $3 + 6$

B. 2×6

C. 6×3

D. $3 + 3$

E. 4×7

F. $5 + 7$

Correct Choice:

10) Associative

A. $3 + 4 = 4 + 3$

B. $3 \times (4 + 9) = 3 \times 4 + 3 \times 9$

C. $3 \times \frac{1}{3} = 1$

D. $(3 + 4) + 9 = 3 + (4 + 9)$

Correct Choice:

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Answer key

MCQ - Equations

Sheet 2

1) Commutative

- A. $6 \times 2 = 2 \times 6$
- B. $6 + (2 + 11) = (6 + 2) + 11$
- C. $6 \times 1 = 6$
- D. $6 + (-6) = 0$

Correct Choice:

B

2) Inverse

- A. $11 + 4 = 4 + 11$
- B. $11 \times \frac{1}{11} = 1$
- C. $11 + 0 = 11$
- D. $11 \times (4 + 7) = 11 \times 4 + 11 \times 7$

Correct Choice:

B

3) Identity

- A. $5 \times 9 = 9 \times 5$
- B. $5 + (9 + 4) = (5 + 9) + 4$
- C. $5 + (-5) = 0$
- D. $5 + 0 = 5$

Correct Choice:

5) Associative

- A. $7 + 0 = 7$
- B. $7 \times (6 \times 3) = (7 \times 6) \times 3$
- C. $7 \times 6 = 6 \times 7$
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Correct Choice:

7) Inverse

- A. $10 + (-10) = 0$
- B. $10 + 0 = 10$
- C. $10 \times 5 = 5 \times 10$
- D. $10 \times (5 + 3) = 10 \times 5 + 10 \times 3$

Correct Choice:

9) Commutative

- A. $11 \times (5 \times 8) = (11 \times 5) \times 8$
- B. $11 \times 5 = 5 \times 11$
- C. $11 \times (5 + 8) = 11 \times 5 + 11 \times 8$
- D. $11 + 0 = 11$

Correct Choice:

B

10) Associative

- A. $3 + 4 = 4 + 3$
- B. $3 \times (4 + 9) = 3 \times 4 + 3 \times 9$
- C. $3 \times \frac{1}{3} = 1$
- D. $(3 + 4) + 9 = 3 + (4 + 9)$

Correct Choice:

D

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