

Name: _____

Score: _____

MCQ - Equations

Sheet 1

Identify the property from the choices below.

1) Associative

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

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

C. $5 \times 1 = 5$

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

Correct Choice:

2) Identity

A. $11 + 4 = 4 + 11$

B. $11 \times (4 \times 7) = (11 \times 4) \times 7$

C. $11 + 0 = 11$

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

Correct Choice:

3) Distributive

A. $4 \times 12 = 12 \times 4$

B. $4 + (12 + 3) = (4 + 12) + 3$

C. $4 \times (12 + 3) = (4 \times 12) + 4 \times 3$

D. $4 + (-4) = 0$

Correct Choice:

5) Identity

A. $7 \times 12 = 12 \times 7$

B. $(7 \times 12) \times 2 = 7 \times (12 \times 2)$

C. $7 \times 1 = 7$

D. $7 + 12 = 12 + 7$

Correct Choice:

7) Commutative

A. $6 + (4 + 5) = 6 + 4 + 5$

B. $6 + 4 + 5 = 6 + 5 + 4$

C. $6 \times 1 = 6$

D. $6 \times (4 + 5) = (6 \times 4) + 6 \times 5$

Correct Choice:

9) Inverse

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

B. $3 + 0 = 3$

C. $(3 \times 9) \times 7 = 3 \times (9 \times 7)$

D. $3 \times 9 = 9 \times 3$

Correct Choice:

10) Distributive

A. $12 \times 5 = 5 \times 12$

B. $(12 + 5) + 7 = 12 + (5 + 7)$

C. $12 \times (5 + 7) = 12 \times 5 + 12 \times 7$

D. $12 + (-12) = 0$

Correct Choice:

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Name: _____

Score: _____

Answer key

MCQ - Equations

Sheet 1

1) Associative

- A. $5 \times (8 + 11) = 5 \times 8 + 5 \times 11$
- B. $(5 \times 8) \times 11 = 5 \times (8 \times 11)$
- C. $5 \times 1 = 5$
- D. $5 + (-5) = 0$

Correct Choice:

B

2) Identity

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

Correct Choice:

C

3) Distributive

- A. $4 \times 12 = 12 \times 4$
- B. $4 + (12 + 3) = (4 + 12) + 3$
- C. $4 \times (12 + 3) = (4 \times 12) + 3$
- D. $4 + (-4) = 0$

Correct Choice:

PREVIEW

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5) Identity

- A. $7 \times 12 = 12 \times 7$
- B. $(7 \times 12) \times 2 = 7 \times (12 \times 2)$
- C. $7 \times 1 = 7$
- D. $7 + 12 = 12 + 7$

Correct Choice:

7) Commutative

- A. $6 + (4 + 5) = (6 + 4) + 5$
- B. $6 + 4 + 5 = 6 + 4 + 5$
- C. $6 \times 1 = 6$
- D. $6 \times (4 + 5) = (6 \times 4) + 5$

Correct Choice:

9) Inverse

- A. $3 \times \frac{1}{3} = 1$
- B. $3 + 0 = 3$
- C. $(3 \times 9) \times 7 = 3 \times (9 \times 7)$
- D. $3 \times 9 = 9 \times 3$

Correct Choice:

A

4) Commutative

- A. $3 + 7 = 7 + 3$
- B. $3 \times 7 = 7 \times 3$
- C. $3 + 9 \times 7 = (3 + 9) \times 7$
- D. $3 + 7 = 7 + 3$

8) $7 + 12 = 12 + 7$

2) $2 \times 3 = 3 \times 2$

3) $6 + (4 + 5) = (6 + 4) + 5$

- A. $12 \times 5 = 5 \times 12$
- B. $(12 + 5) + 7 = 12 + (5 + 7)$
- C. $12 \times (5 + 7) = 12 \times 5 + 12 \times 7$
- D. $12 + (-12) = 0$

Correct Choice:

A