Date _____

Topic: Commutative, Associative, and Distributive Properties – Worksheet 1

1. $6 \times (22 + 9) = 6 \times 22 + 6 \times 9$

This is an example of _____ property.

2. $2 \times (6 + 4) = 2 \times 6 + 2 \times 4$

This is an example of _____ property.

14 + 13 = 13 + 14

3.

This is an example of _____ property.

4. The _____ property means the numbers can be swapped.

5. The rule that refers to grouping is _____ property.

6. The ______ property says that, changing the GROUPING of numbers that are either being added or multiplied does NOT change the value of it.

8. The _____ property multiplies the value outside the brackets with each of the terms in the brackets.

9. $(6 \times 9) \times 2 = 6 \times (9 \times 2)$ This is an example of _______ property.

10. In the _____ property, the parenthesis (or brackets) can be moved.

Date _____

Topic: Commutative, Associative, and Distributive Properties – Worksheet 2

The _____ property says that, changing the GROUPING of

- numbers that are either being added or multiplied does NOT change the value of it.
- 2. $(4 \times 7) \times 6 = 4 \times (7 \times 6)$ This is an example of _______ property.
- 3. 9 + 12 = 12 + 9 This is an example of ______ property.
- 4. The _____ property means the numbers can be swapped.
- 5. The rule that refers to grouping is _____ property.
- 6. $2 \times (45 + 9) = 2 \times 45 + 2 \times 9$ This is an example of _____ property.
- 7. $(6 \times 4) \times 3 = 6 \times (4 \times 3)$ This is an example of ______ property.
- 8. The _____ property multiplies the value outside the brackets with each of the terms in the brackets.
- 10. In the _____ property, the parenthesis (or brackets) can be moved.

Date _____

Topic: Commutative, Associative, and Distributive Properties -Worksheet 3

- 1. The _____property multiplies the value outside the brackets with each of the terms in the brackets.
- 2. $(2 \times 4) \times 6 = 2 \times (4 \times 6)$ This is an example of ______property.
- 4. In the _____property, the parenthesis (or brackets) can be moved.
- 5. The rule that refers to grouping is _____ property.
- 6. $3 \times (6 + 8) = 3 \times 6 + 3 \times 8$ This is an example of property.
- 7. $(8 \times 7) \times 5 = 8 \times (7 \times 5)$ This is an example of _____ property.
- 8. The _____ property says that, changing the GROUPING of numbers that are either being added or multiplied does NOT change the value of it.
- 9. 12 + 6 = 6 + 12 This is an example of ______ property.
- 10. The _____ property means the numbers can be swapped.

Date _____

Topic: Commutative, Associative, and Distributive Properties -Worksheet 4

- 1. **The**_____ property multiplies the value outside the brackets with each of the terms in the brackets.
- 2. The rule that refers to grouping is _____ property.
- 3. $7 \times (4 + 9) = 7 \times 4 + 7 \times 9$ This is an example of ______
- 4. In the _____ property, the parenthesis (or brackets) can be moved.
- 6. The _____ property means the numbers can be swapped.
- 7. $(9 \times 4) \times 7 = 9 \times (4 \times 7)$ This is an example of ______ property.
- 8. The _____ property says that, changing the GROUPING of numbers that are either being added or multiplied does NOT change the value of it.
- 9. 10 + 9 = 9 + 10 This is an example of _____ property.
- 10. $7 \times (5 + 8) = 7 \times 5 + 7 \times 8$ This is an example of ______ property.

Date _____

<u>Topic:</u> Commutative, Associative, and Distributive Properties –Worksheet 5

1. $(8 \times 4) \times 9 = 8 \times (4 \times 9)$ This is an example of _____ property.

8 + 7 = 7 + 8 This is an example of _____ property.

2.

3. $2 \times (5 + 7) = 2 \times 5 + 2 \times 7$ This is an example of ______ property.

4. In _____ property, the parenthesis (or brackets) can be moved.

5. $9 \times (2 + 6) = 9 \times 2 + 9 \times 6$ This is an example of ______

6. The _____ property means the numbers can be swapped.

7. $(8 \times 4) \times 6 = 8 \times (4 \times 6)$ This is an example of _______

8. The _____ property says that, changing the GROUPING of numbers that are either being added or multiplied does NOT change the value of it.

9. The rule that refers to grouping is ______ property.

10. The _____ property multiplies the value outside the brackets with each of the terms in the brackets.