

Name _____

Basic Distributive Property

Directions: Simplify each expression using the **Distributive Property**.



a. Multiply over addition

1) $4(3 + 2) =$

3) $7(2 + 8) =$

2) $6(5 + 1) =$

4) $3(9 + 4) =$

b. Multiply over subtraction

5) $5(9 - 3) =$

7) $2(10 - 6) =$

6) $8(12 - 7) =$

8) $9(15 - 11) =$

c. Reverse (factoring form)

9) $6 \times 3 + 6 \times 5 =$

11) $4 \times 7 + 4 \times 3 =$

10) $9 \times 2 + 9 \times 4 =$

12) $2 \times 8 + 2 \times 5 =$

d. Include negative numbers

13) $-3(5 + 2) =$

15) $7(-2 + 3) =$

14) $-4(6 - 1) =$

16) $-5(-3 + 4) =$

e. Include decimals or fractions

17) $0.5(8 + 6) =$

19) $\frac{1}{2}(6 + 10) =$

18) $0.2(10 - 4) =$

20) $\frac{3}{4}(12 - 8) =$