Distributive property of multiplication

Grade 5 Multiplication Worksheet

Example: 3 x 23 = (3 x 20) + (3 x 3) = 60 + 9 = 69

Rewrite the equations using the distributive property and find the answer.

1. $3 \times 5 =$ _____

2. $20 \times 5 =$ _____

3. $5 \times 24 =$ _____

4. $4 \times 5 =$ _____

5. $9 \times 8 =$ _____

6. $20 \times 18 =$ _____

7. $6 \times 14 =$ _____

8. $20 \times 19 =$ _____

9. $10 \times 5 =$ _____

10. $3 \times 6 =$ _____

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Example: 3 x 23 = (3 x 20) + (3 x 3) = 60 + 9 = 69

Rewrite the equations using the distributive property and find the answer.

1. $3 \times 5 =$ (3 x 3) + (3 x 2) = 9 + 6 = 15

2. $20 \times 5 =$ (10 x 5) + (10 x 5) = 50 + 50 = 100

3. $5 \times 24 =$ (5 x 20) + (5 x 4) = 100 + 20 = 120

4. $4 \times 5 =$ (2 x 5) + (2 x 5) = 10 + 10 = 20

5. $9 \times 8 =$ (9 x 4) + (9 x 4) = 36 + 36 = 72

6. $20 \times 18 =$ (20 x 10) + (20 x 8) = 200 + 160 = 360

7. $6 \times 14 =$ (6 x 10) + (6 x 4) = 60 + 24 = 84

8. $20 \times 19 =$ (20 x 10) + (20 x 9) = 200 + 180 = 380

9. $10 \times 5 =$ (5 x 5) + (5 x 5) = 25 + 25 = 50

10. $3 \times 6 =$ (3 x 3) + (3 x 3) = 9 + 9 = 18