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. $20 \times 4 =$ _____

2. $8 \times 14 =$ _____

3. $7 \times 20 =$ _____

4. $10 \times 15 =$ _____

5. $8 \times 24 =$ _____

6. $7 \times 16 =$ _____

7. $6 \times 4 =$ _____

8. $9 \times 8 =$ _____

9. $5 \times 28 =$ _____

10. $4 \times 8 =$ _____

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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. $20 \times 4 =$ (20 x 2) + (20 x 2) = 40 + 40 = 80

2. $8 \times 14 =$ (8 x 10) + (8 x 4) = 80 + 32 = 112

3. $7 \times 20 =$ (7 x 10) + (7 x 10) = 70 + 70 = 140

4. $10 \times 15 =$ (10 x 10) + (10 x 5) = 100 + 50 = 150

5. $8 \times 24 =$ (8 x 20) + (8 x 4) = 160 + 32 = 192

6. $7 \times 16 =$ (7 x 10) + (7 x 6) = 70 + 42 = 112

7. $6 \times 4 =$ (6 x 2) + (6 x 2) = 12 + 12 = 24

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

9. $5 \times 28 =$ (5 x 20) + (5 x 8) = 100 + 40 = 140

10. $4 \times 8 =$ (4 x 4) + (4 x 4) = 16 + 16 = 32