Multiplication - distributive property

Grade 4 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. $6 \times 46 =$ _____

2. $6 \times 26 =$ _____

3. $9 \times 23 =$ _____

4. $6 \times 39 =$ _____

5. $3 \times 49 =$ _____

6. $7 \times 16 =$ _____

7. $7 \times 46 =$ _____

8. $8 \times 27 =$ _____

9. $7 \times 28 =$ _____

10. $5 \times 31 =$ _____

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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. $6 \times 46 =$ (6 x 40) + (6 x 6) = 240 + 36 = 276

2. $6 \times 26 =$ (6 x 20) + (6 x 6) = 120 + 36 = 156

3. $9 \times 23 =$ (9 x 20) + (9 x 3) = 180 + 27 = 207

4. $6 \times 39 =$ (6 x 30) + (6 x 9) = 180 + 54 = 234

5. $3 \times 49 =$ (3 x 40) + (3 x 9) = 120 + 27 = 147

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

7. $7 \times 46 =$ (7 x 40) + (7 x 6) = 280 + 42 = 322

8. $8 \times 27 =$ (8 x 20) + (8 x 7) = 160 + 56 = 216

9. $7 \times 28 =$ (7 x 20) + (7 x 8) = 140 + 56 = 196

10. $5 \times 31 =$ (5 x 30) + (5 x 1) = 150 + 5 = 155