

Distributive property of multiplication

Grade 5 Multiplication Worksheet

Example: $3 \times 23 = (3 \times 20) + (3 \times 3) = 60 + 9 = 69$

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

1. $20 \times 4 =$ _____

2. $20 \times 26 =$ _____

3. $20 \times 5 =$ _____

4. $8 \times 22 =$ _____

5. $3 \times 8 =$ _____

6. $7 \times 27 =$ _____

7. $10 \times 8 =$ _____

8. $10 \times 9 =$ _____

9. $10 \times 27 =$ _____

10. $10 \times 4 =$ _____

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

1. $20 \times 4 = (10 \times 4) + (10 \times 4) = 40 + 40 = 80$

2. $20 \times 26 = (20 \times 20) + (20 \times 6) = 400 + 120 = 520$

3. $20 \times 5 = (10 \times 5) + (10 \times 5) = 50 + 50 = 100$

4. $8 \times 22 = (8 \times 20) + (8 \times 2) = 160 + 16 = 176$

5. $3 \times 8 = (3 \times 4) + (3 \times 4) = 12 + 12 = 24$

6. $7 \times 27 = (7 \times 20) + (7 \times 7) = 140 + 49 = 189$

7. $10 \times 8 = (5 \times 8) + (5 \times 8) = 40 + 40 = 80$

8. $10 \times 9 = (10 \times 5) + (10 \times 4) = 50 + 40 = 90$

9. $10 \times 27 = (10 \times 20) + (10 \times 7) = 200 + 70 = 270$

10. $10 \times 4 = (10 \times 2) + (10 \times 2) = 20 + 20 = 40$
