



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. $8 \times 14 =$ _____

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

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

1. $20 \times 4 = (20 \times 2) + (20 \times 2) = 40 + 40 = 80$

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

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

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

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

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

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

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

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

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