



Distributive property of multiplication

Grade 5 Multiplication Worksheet

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

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

1) $3 \times 93 =$ _____

2) $6 \times 51 =$ _____

3) $7 \times 27 =$ _____

4) $5 \times 64 =$ _____

5) $4 \times 75 =$ _____

6) $10 \times 76 =$ _____

7) $9 \times 73 =$ _____

8) $8 \times 68 =$ _____

9) $4 \times 65 =$ _____

10) $10 \times 88 =$ _____

11) $7 \times 15 =$ _____

12) $6 \times 22 =$ _____

13) $4 \times 47 =$ _____

14) $3 \times 98 =$ _____

15) $20 \times 35 =$ _____



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

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

1) $3 \times 93 = 3 \times (90 + 3) = (3 \times 90) + (3 \times 3) = 270 + 9 = 279$

2) $6 \times 51 = 6 \times (50 + 1) = (6 \times 50) + (6 \times 1) = 300 + 6 = 306$

3) $7 \times 27 = 7 \times (20 + 7) = (7 \times 20) + (7 \times 7) = 140 + 49 = 189$

4) $5 \times 64 = 5 \times (60 + 4) = (5 \times 60) + (5 \times 4) = 300 + 20 = 320$

5) $4 \times 75 = 4 \times (70 + 5) = (4 \times 70) + (4 \times 5) = 280 + 20 = 300$

6) $10 \times 76 = 10 \times (70 + 6) = (10 \times 70) + (10 \times 6) = 700 + 60 = 760$

7) $9 \times 73 = 9 \times (70 + 3) = (9 \times 70) + (9 \times 3) = 630 + 27 = 657$

8) $8 \times 68 = 8 \times (60 + 8) = (8 \times 60) + (8 \times 8) = 480 + 64 = 544$

9) $4 \times 65 = 4 \times (60 + 5) = (4 \times 60) + (4 \times 5) = 240 + 20 = 260$

10) $10 \times 88 = 10 \times (80 + 8) = (10 \times 8) + (10 \times 8) = 800 + 80 = 800$

11) $7 \times 15 = 7 \times (10 + 5) = (7 \times 10) + (7 \times 5) = 70 + 35 = 105$

12) $6 \times 22 = 6 \times (20 + 2) = (6 \times 20) + (6 \times 2) = 120 + 12 = 132$

13) $4 \times 47 = 4 \times (40 + 7) = (4 \times 40) + (4 \times 7) = 160 + 28 = 188$

14) $3 \times 98 = 3 \times (90 + 8) = (3 \times 90) + (3 \times 8) = 270 + 24 = 294$

15) $20 \times 35 = 20 \times (30 + 5) = (20 \times 30) + (20 \times 5) = 600 + 100 = 700$