



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) $7 \times 18 =$ _____

2) $10 \times 25 =$ _____

3) $4 \times 43 =$ _____

4) $7 \times 82 =$ _____

5) $9 \times 27 =$ _____

6) $10 \times 87 =$ _____

7) $3 \times 38 =$ _____

8) $10 \times 44 =$ _____

9) $5 \times 61 =$ _____

10) $8 \times 45 =$ _____

11) $7 \times 79 =$ _____

12) $2 \times 79 =$ _____

13) $4 \times 93 =$ _____

14) $10 \times 13 =$ _____

15) $3 \times 79 =$ _____



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

1) $7 \times 18 = 7 \times (10 + 8) = (7 \times 10) + (7 \times 8) = 70 + 56 = 126$

2) $10 \times 25 = 10 \times (20 + 5) = (10 \times 20) + (10 \times 5) = 200 + 50 = 250$

3) $4 \times 43 = 4 \times (40 + 3) = (4 \times 40) + (4 \times 3) = 160 + 12 = 172$

4) $7 \times 82 = 7 \times (80 + 2) = (7 \times 80) + (7 \times 2) = 560 + 14 = 574$

5) $9 \times 27 = 9 \times (20 + 7) = (9 \times 20) + (9 \times 7) = 180 + 63 = 243$

6) $10 \times 87 = 10 \times (80 + 7) = (10 \times 80) + (10 \times 7) = 800 + 70 = 870$

7) $3 \times 38 = 3 \times (30 + 8) = (3 \times 30) + (3 \times 8) = 90 + 24 = 114$

8) $10 \times 44 = 10 \times (40 + 4) = (10 \times 40) + (10 \times 4) = 400 + 40 = 440$

9) $5 \times 61 = 5 \times (60 + 1) = (5 \times 60) + (5 \times 1) = 300 + 5 = 305$

10) $8 \times 45 = 8 \times (40 + 5) = (8 \times 40) + (8 \times 5) = 320 + 40 = 360$

11) $7 \times 79 = 7 \times (70 + 9) = (7 \times 70) + (7 \times 9) = 490 + 63 = 553$

12) $2 \times 79 = 2 \times (70 + 9) = (2 \times 70) + (2 \times 9) = 140 + 18 = 158$

13) $4 \times 93 = 4 \times (90 + 3) = (4 \times 90) + (4 \times 3) = 360 + 12 = 372$

14) $10 \times 13 = 10 \times (10 + 3) = (10 \times 10) + (10 \times 3) = 100 + 30 = 130$

15) $3 \times 79 = 3 \times (70 + 9) = (3 \times 70) + (3 \times 9) = 210 + 27 = 237$