



## Distributive property of multiplication

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### Grade 5 Multiplication Worksheet

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

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

1.  $3 \times 5 =$  \_\_\_\_\_

2.  $20 \times 5 =$  \_\_\_\_\_

3.  $5 \times 24 =$  \_\_\_\_\_

4.  $4 \times 5 =$  \_\_\_\_\_

5.  $9 \times 8 =$  \_\_\_\_\_

6.  $20 \times 18 =$  \_\_\_\_\_

7.  $6 \times 14 =$  \_\_\_\_\_

8.  $20 \times 19 =$  \_\_\_\_\_

9.  $10 \times 5 =$  \_\_\_\_\_

10.  $3 \times 6 =$  \_\_\_\_\_



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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.  $3 \times 5 = (3 \times 3) + (3 \times 2) = 9 + 6 = 15$

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2.  $20 \times 5 = (10 \times 5) + (10 \times 5) = 50 + 50 = 100$

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3.  $5 \times 24 = (5 \times 20) + (5 \times 4) = 100 + 20 = 120$

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4.  $4 \times 5 = (2 \times 5) + (2 \times 5) = 10 + 10 = 20$

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5.  $9 \times 8 = (9 \times 4) + (9 \times 4) = 36 + 36 = 72$

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6.  $20 \times 18 = (20 \times 10) + (20 \times 8) = 200 + 160 = 360$

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7.  $6 \times 14 = (6 \times 10) + (6 \times 4) = 60 + 24 = 84$

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8.  $20 \times 19 = (20 \times 10) + (20 \times 9) = 200 + 180 = 380$

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9.  $10 \times 5 = (5 \times 5) + (5 \times 5) = 25 + 25 = 50$

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10.  $3 \times 6 = (3 \times 3) + (3 \times 3) = 9 + 9 = 18$

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