



## Multiplication - distributive property

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### Grade 4 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.  $6 \times 46 =$  \_\_\_\_\_

2.  $6 \times 26 =$  \_\_\_\_\_

3.  $9 \times 23 =$  \_\_\_\_\_

4.  $6 \times 39 =$  \_\_\_\_\_

5.  $3 \times 49 =$  \_\_\_\_\_

6.  $7 \times 16 =$  \_\_\_\_\_

7.  $7 \times 46 =$  \_\_\_\_\_

8.  $8 \times 27 =$  \_\_\_\_\_

9.  $7 \times 28 =$  \_\_\_\_\_

10.  $5 \times 31 =$  \_\_\_\_\_



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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.  $6 \times 46 = (6 \times 40) + (6 \times 6) = 240 + 36 = 276$

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2.  $6 \times 26 = (6 \times 20) + (6 \times 6) = 120 + 36 = 156$

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3.  $9 \times 23 = (9 \times 20) + (9 \times 3) = 180 + 27 = 207$

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4.  $6 \times 39 = (6 \times 30) + (6 \times 9) = 180 + 54 = 234$

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5.  $3 \times 49 = (3 \times 40) + (3 \times 9) = 120 + 27 = 147$

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

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7.  $7 \times 46 = (7 \times 40) + (7 \times 6) = 280 + 42 = 322$

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8.  $8 \times 27 = (8 \times 20) + (8 \times 7) = 160 + 56 = 216$

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9.  $7 \times 28 = (7 \times 20) + (7 \times 8) = 140 + 56 = 196$

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10.  $5 \times 31 = (5 \times 30) + (5 \times 1) = 150 + 5 = 155$

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