

## Distributive Property Multiplication (J)

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Score: \_\_\_\_\_

Use the distributive property of multiplication to calculate each product.

Ex.  $36 \times 2$   
 $= (30 + 6) \times (2)$   
 $= (30 \times 2) + (6 \times 2)$   
 $= 60 + 12 = \boxed{72}$

1.  $14 \times 3$

6.  $24 \times 2$

2.  $38 \times 6$

7.  $32 \times 5$

3.  $44 \times 9$

8.  $21 \times 3$

4.  $35 \times 6$

9.  $99 \times 4$

5.  $49 \times 5$

10.  $51 \times 4$

## Distributive Property Multiplication (J) Answers

Name: \_\_\_\_\_

Date: \_\_\_\_\_

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Use the distributive property of multiplication to calculate each product.

Ex.  $36 \times 2$   
 $= (30 + 6) \times (2)$   
 $= (30 \times 2) + (6 \times 2)$   
 $= 60 + 12 = \boxed{72}$

1.  $14 \times 3$   
 $= (10 + 4) \times (3)$   
 $= (10 \times 3) + (4 \times 3)$   
 $= 30 + 12 = \boxed{42}$

6.  $24 \times 2$   
 $= (20 + 4) \times (2)$   
 $= (20 \times 2) + (4 \times 2)$   
 $= 40 + 8 = \boxed{48}$

2.  $38 \times 6$   
 $= (30 + 8) \times (6)$   
 $= (30 \times 6) + (8 \times 6)$   
 $= 180 + 48 = \boxed{228}$

7.  $32 \times 5$   
 $= (30 + 2) \times (5)$   
 $= (30 \times 5) + (2 \times 5)$   
 $= 150 + 10 = \boxed{160}$

3.  $44 \times 9$   
 $= (40 + 4) \times (9)$   
 $= (40 \times 9) + (4 \times 9)$   
 $= 360 + 36 = \boxed{396}$

8.  $21 \times 3$   
 $= (20 + 1) \times (3)$   
 $= (20 \times 3) + (1 \times 3)$   
 $= 60 + 3 = \boxed{63}$

4.  $35 \times 6$   
 $= (30 + 5) \times (6)$   
 $= (30 \times 6) + (5 \times 6)$   
 $= 180 + 30 = \boxed{210}$

9.  $99 \times 4$   
 $= (90 + 9) \times (4)$   
 $= (90 \times 4) + (9 \times 4)$   
 $= 360 + 36 = \boxed{396}$

5.  $49 \times 5$   
 $= (40 + 9) \times (5)$   
 $= (40 \times 5) + (9 \times 5)$   
 $= 200 + 45 = \boxed{245}$

10.  $51 \times 4$   
 $= (50 + 1) \times (4)$   
 $= (50 \times 4) + (1 \times 4)$   
 $= 200 + 4 = \boxed{204}$