

## Distributive Property Multiplication (I)

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

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

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

Use the distributive property of multiplication to calculate each product.

Ex.  $56 \times 8$   
 $= (50 + 6) \times (8)$   
 $= (50 \times 8) + (6 \times 8)$   
 $= 400 + 48 = \boxed{448}$

1.  $21 \times 8$

6.  $11 \times 5$

2.  $75 \times 5$

7.  $86 \times 7$

3.  $88 \times 6$

8.  $31 \times 3$

4.  $51 \times 2$

9.  $84 \times 6$

5.  $76 \times 7$

10.  $64 \times 9$

## Distributive Property Multiplication (I) Answers

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

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

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Use the distributive property of multiplication to calculate each product.

Ex.  $56 \times 8$   
 $= (50 + 6) \times (8)$   
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 $= 400 + 48 = \boxed{448}$

1.  $21 \times 8$   
 $= (20 + 1) \times (8)$   
 $= (20 \times 8) + (1 \times 8)$   
 $= 160 + 8 = \boxed{168}$

6.  $11 \times 5$   
 $= (10 + 1) \times (5)$   
 $= (10 \times 5) + (1 \times 5)$   
 $= 50 + 5 = \boxed{55}$

2.  $75 \times 5$   
 $= (70 + 5) \times (5)$   
 $= (70 \times 5) + (5 \times 5)$   
 $= 350 + 25 = \boxed{375}$

7.  $86 \times 7$   
 $= (80 + 6) \times (7)$   
 $= (80 \times 7) + (6 \times 7)$   
 $= 560 + 42 = \boxed{602}$

3.  $88 \times 6$   
 $= (80 + 8) \times (6)$   
 $= (80 \times 6) + (8 \times 6)$   
 $= 480 + 48 = \boxed{528}$

8.  $31 \times 3$   
 $= (30 + 1) \times (3)$   
 $= (30 \times 3) + (1 \times 3)$   
 $= 90 + 3 = \boxed{93}$

4.  $51 \times 2$   
 $= (50 + 1) \times (2)$   
 $= (50 \times 2) + (1 \times 2)$   
 $= 100 + 2 = \boxed{102}$

9.  $84 \times 6$   
 $= (80 + 4) \times (6)$   
 $= (80 \times 6) + (4 \times 6)$   
 $= 480 + 24 = \boxed{504}$

5.  $76 \times 7$   
 $= (70 + 6) \times (7)$   
 $= (70 \times 7) + (6 \times 7)$   
 $= 490 + 42 = \boxed{532}$

10.  $64 \times 9$   
 $= (60 + 4) \times (9)$   
 $= (60 \times 9) + (4 \times 9)$   
 $= 540 + 36 = \boxed{576}$