

## Distributive Property Multiplication (D)

Name: \_\_\_\_\_ Date: \_\_\_\_\_ Score: \_\_\_\_\_

Use the distributive property of multiplication to calculate each product.

Ex.  $61 \times 26$   
 $= (60 + 1) \times (20 + 6)$   
 $= (60 \times 20) + (60 \times 6) + (1 \times 20) + (1 \times 6)$   
 $= 1200 + 360 + 20 + 6 = \boxed{1586}$

1.  $50 \times 51$

2.  $95 \times 69$

3.  $12 \times 36$

4.  $36 \times 57$

5.  $50 \times 55$

## Distributive Property Multiplication (D) Answers

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

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

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

Use the distributive property of multiplication to calculate each product.

Ex.  $61 \times 26$   
 $= (60 + 1) \times (20 + 6)$   
 $= (60 \times 20) + (60 \times 6) + (1 \times 20) + (1 \times 6)$   
 $= 1200 + 360 + 20 + 6 = \boxed{1586}$

1.  $50 \times 51$   
 $= (50 + 0) \times (50 + 1)$   
 $= (50 \times 50) + (50 \times 1) + (0 \times 50) + (0 \times 1)$   
 $= 2500 + 50 + 0 + 0 = \boxed{2550}$

2.  $95 \times 69$   
 $= (90 + 5) \times (60 + 9)$   
 $= (90 \times 60) + (90 \times 9) + (5 \times 60) + (5 \times 9)$   
 $= 5400 + 810 + 300 + 45 = \boxed{6555}$

3.  $12 \times 36$   
 $= (10 + 2) \times (30 + 6)$   
 $= (10 \times 30) + (10 \times 6) + (2 \times 30) + (2 \times 6)$   
 $= 300 + 60 + 60 + 12 = \boxed{432}$

4.  $36 \times 57$   
 $= (30 + 6) \times (50 + 7)$   
 $= (30 \times 50) + (30 \times 7) + (6 \times 50) + (6 \times 7)$   
 $= 1500 + 210 + 300 + 42 = \boxed{2052}$

5.  $50 \times 55$   
 $= (50 + 0) \times (50 + 5)$   
 $= (50 \times 50) + (50 \times 5) + (0 \times 50) + (0 \times 5)$   
 $= 2500 + 250 + 0 + 0 = \boxed{2750}$