

## Distributive Property Multiplication (B)

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

Use the distributive property of multiplication to calculate each product.

Ex.  $7086 \times 3$   
 $= (7000 + 0 + 80 + 6) \times (3)$   
 $= (7000 \times 3) + (0 \times 3) + (80 \times 3) + (6 \times 3)$   
 $= 21000 + 0 + 240 + 18 = \boxed{21258}$

1.  $5222 \times 9$

2.  $3107 \times 5$

3.  $1343 \times 6$

4.  $6441 \times 5$

5.  $2694 \times 2$

## Distributive Property Multiplication (B) Answers

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

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

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

Use the distributive property of multiplication to calculate each product.

Ex.  $7086 \times 3$

$$= (7000 + 0 + 80 + 6) \times (3)$$

$$= (7000 \times 3) + (0 \times 3) + (80 \times 3) + (6 \times 3)$$

$$= 21000 + 0 + 240 + 18 = \boxed{21258}$$

1.  $5222 \times 9$

$$= (5000 + 200 + 20 + 2) \times (9)$$

$$= (5000 \times 9) + (200 \times 9) + (20 \times 9) + (2 \times 9)$$

$$= 45000 + 1800 + 180 + 18 = \boxed{46998}$$

2.  $3107 \times 5$

$$= (3000 + 100 + 0 + 7) \times (5)$$

$$= (3000 \times 5) + (100 \times 5) + (0 \times 5) + (7 \times 5)$$

$$= 15000 + 500 + 0 + 35 = \boxed{15535}$$

3.  $1343 \times 6$

$$= (1000 + 300 + 40 + 3) \times (6)$$

$$= (1000 \times 6) + (300 \times 6) + (40 \times 6) + (3 \times 6)$$

$$= 6000 + 1800 + 240 + 18 = \boxed{8058}$$

4.  $6441 \times 5$

$$= (6000 + 400 + 40 + 1) \times (5)$$

$$= (6000 \times 5) + (400 \times 5) + (40 \times 5) + (1 \times 5)$$

$$= 30000 + 2000 + 200 + 5 = \boxed{32205}$$

5.  $2694 \times 2$

$$= (2000 + 600 + 90 + 4) \times (2)$$

$$= (2000 \times 2) + (600 \times 2) + (90 \times 2) + (4 \times 2)$$

$$= 4000 + 1200 + 180 + 8 = \boxed{5388}$$