

## Distributive Property Multiplication (B)

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

Use the distributive property of multiplication to calculate each product.

Ex.  $125 \times 2$   
 $= (100 + 20 + 5) \times (2)$   
 $= (100 \times 2) + (20 \times 2) + (5 \times 2)$   
 $= 200 + 40 + 10 = \boxed{250}$

1.  $447 \times 6$

6.  $437 \times 7$

2.  $322 \times 4$

7.  $695 \times 8$

3.  $480 \times 3$

8.  $520 \times 9$

4.  $776 \times 7$

9.  $228 \times 9$

5.  $113 \times 7$

10.  $998 \times 9$

## Distributive Property Multiplication (B) Answers

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

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

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

Use the distributive property of multiplication to calculate each product.

Ex.  $125 \times 2$

$$\begin{aligned} &= (100 + 20 + 5) \times (2) \\ &= (100 \times 2) + (20 \times 2) + (5 \times 2) \\ &= 200 + 40 + 10 = \boxed{250} \end{aligned}$$

1.  $447 \times 6$

$$\begin{aligned} &= (400 + 40 + 7) \times (6) \\ &= (400 \times 6) + (40 \times 6) + (7 \times 6) \\ &= 2400 + 240 + 42 = \boxed{2682} \end{aligned}$$

6.  $437 \times 7$

$$\begin{aligned} &= (400 + 30 + 7) \times (7) \\ &= (400 \times 7) + (30 \times 7) + (7 \times 7) \\ &= 2800 + 210 + 49 = \boxed{3059} \end{aligned}$$

2.  $322 \times 4$

$$\begin{aligned} &= (300 + 20 + 2) \times (4) \\ &= (300 \times 4) + (20 \times 4) + (2 \times 4) \\ &= 1200 + 80 + 8 = \boxed{1288} \end{aligned}$$

7.  $695 \times 8$

$$\begin{aligned} &= (600 + 90 + 5) \times (8) \\ &= (600 \times 8) + (90 \times 8) + (5 \times 8) \\ &= 4800 + 720 + 40 = \boxed{5560} \end{aligned}$$

3.  $480 \times 3$

$$\begin{aligned} &= (400 + 80 + 0) \times (3) \\ &= (400 \times 3) + (80 \times 3) + (0 \times 3) \\ &= 1200 + 240 + 0 = \boxed{1440} \end{aligned}$$

8.  $520 \times 9$

$$\begin{aligned} &= (500 + 20 + 0) \times (9) \\ &= (500 \times 9) + (20 \times 9) + (0 \times 9) \\ &= 4500 + 180 + 0 = \boxed{4680} \end{aligned}$$

4.  $776 \times 7$

$$\begin{aligned} &= (700 + 70 + 6) \times (7) \\ &= (700 \times 7) + (70 \times 7) + (6 \times 7) \\ &= 4900 + 490 + 42 = \boxed{5432} \end{aligned}$$

9.  $228 \times 9$

$$\begin{aligned} &= (200 + 20 + 8) \times (9) \\ &= (200 \times 9) + (20 \times 9) + (8 \times 9) \\ &= 1800 + 180 + 72 = \boxed{2052} \end{aligned}$$

5.  $113 \times 7$

$$\begin{aligned} &= (100 + 10 + 3) \times (7) \\ &= (100 \times 7) + (10 \times 7) + (3 \times 7) \\ &= 700 + 70 + 21 = \boxed{791} \end{aligned}$$

10.  $998 \times 9$

$$\begin{aligned} &= (900 + 90 + 8) \times (9) \\ &= (900 \times 9) + (90 \times 9) + (8 \times 9) \\ &= 8100 + 810 + 72 = \boxed{8982} \end{aligned}$$