

Distributive Property Multiplication (D)

Name: _____

Date: _____

Score: _____

Use the distributive property of multiplication to calculate each product.

Ex. 25×5
 $= (20 + 5) \times (5)$
 $= (20 \times 5) + (5 \times 5)$
 $= 100 + 25 = \boxed{125}$

1. 41×4

6. 66×5

2. 26×2

7. 40×7

3. 26×4

8. 78×6

4. 12×8

9. 77×3

5. 47×9

10. 85×6

Distributive Property Multiplication (D) Answers

Name: _____

Date: _____

Score: _____

Use the distributive property of multiplication to calculate each product.

Ex. 25×5
 $= (20 + 5) \times (5)$
 $= (20 \times 5) + (5 \times 5)$
 $= 100 + 25 = \boxed{125}$

1. 41×4
 $= (40 + 1) \times (4)$
 $= (40 \times 4) + (1 \times 4)$
 $= 160 + 4 = \boxed{164}$

6. 66×5
 $= (60 + 6) \times (5)$
 $= (60 \times 5) + (6 \times 5)$
 $= 300 + 30 = \boxed{330}$

2. 26×2
 $= (20 + 6) \times (2)$
 $= (20 \times 2) + (6 \times 2)$
 $= 40 + 12 = \boxed{52}$

7. 40×7
 $= (40 + 0) \times (7)$
 $= (40 \times 7) + (0 \times 7)$
 $= 280 + 0 = \boxed{280}$

3. 26×4
 $= (20 + 6) \times (4)$
 $= (20 \times 4) + (6 \times 4)$
 $= 80 + 24 = \boxed{104}$

8. 78×6
 $= (70 + 8) \times (6)$
 $= (70 \times 6) + (8 \times 6)$
 $= 420 + 48 = \boxed{468}$

4. 12×8
 $= (10 + 2) \times (8)$
 $= (10 \times 8) + (2 \times 8)$
 $= 80 + 16 = \boxed{96}$

9. 77×3
 $= (70 + 7) \times (3)$
 $= (70 \times 3) + (7 \times 3)$
 $= 210 + 21 = \boxed{231}$

5. 47×9
 $= (40 + 7) \times (9)$
 $= (40 \times 9) + (7 \times 9)$
 $= 360 + 63 = \boxed{423}$

10. 85×6
 $= (80 + 5) \times (6)$
 $= (80 \times 6) + (5 \times 6)$
 $= 480 + 30 = \boxed{510}$