

Distributive Property Multiplication (C)

Name: _____

Date: _____

Score: _____

Use the distributive property of multiplication to calculate each product.

Ex. 47×3
 $= (40 + 7) \times (3)$
 $= (40 \times 3) + (7 \times 3)$
 $= 120 + 21 = \boxed{141}$

1. 88×2

6. 92×9

2. 87×5

7. 31×8

3. 63×9

8. 26×7

4. 84×4

9. 21×6

5. 19×6

10. 63×4

Distributive Property Multiplication (C) Answers

Name: _____

Date: _____

Score: _____

Use the distributive property of multiplication to calculate each product.

Ex. 47×3
 $= (40 + 7) \times (3)$
 $= (40 \times 3) + (7 \times 3)$
 $= 120 + 21 = \boxed{141}$

1. 88×2
 $= (80 + 8) \times (2)$
 $= (80 \times 2) + (8 \times 2)$
 $= 160 + 16 = \boxed{176}$

6. 92×9
 $= (90 + 2) \times (9)$
 $= (90 \times 9) + (2 \times 9)$
 $= 810 + 18 = \boxed{828}$

2. 87×5
 $= (80 + 7) \times (5)$
 $= (80 \times 5) + (7 \times 5)$
 $= 400 + 35 = \boxed{435}$

7. 31×8
 $= (30 + 1) \times (8)$
 $= (30 \times 8) + (1 \times 8)$
 $= 240 + 8 = \boxed{248}$

3. 63×9
 $= (60 + 3) \times (9)$
 $= (60 \times 9) + (3 \times 9)$
 $= 540 + 27 = \boxed{567}$

8. 26×7
 $= (20 + 6) \times (7)$
 $= (20 \times 7) + (6 \times 7)$
 $= 140 + 42 = \boxed{182}$

4. 84×4
 $= (80 + 4) \times (4)$
 $= (80 \times 4) + (4 \times 4)$
 $= 320 + 16 = \boxed{336}$

9. 21×6
 $= (20 + 1) \times (6)$
 $= (20 \times 6) + (1 \times 6)$
 $= 120 + 6 = \boxed{126}$

5. 19×6
 $= (10 + 9) \times (6)$
 $= (10 \times 6) + (9 \times 6)$
 $= 60 + 54 = \boxed{114}$

10. 63×4
 $= (60 + 3) \times (4)$
 $= (60 \times 4) + (3 \times 4)$
 $= 240 + 12 = \boxed{252}$