Distributive Property Multiplication (G)

Name: _____   Date: _____   Score: _____

Use the distributive property of multiplication to calculate each product.

Ex. 70×2
$= (70 + 0) \times (2)$
$= (70 \times 2) + (0 \times 2)$
$= 140 + 0 = \boxed{140}$

1. 13×6

2. 78×2

3. 64×4

4. 54×7

5. 21×2

6. 46×8

7. 81×9

8. 87×3

9. 50×8

10. 28×9

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Distributive Property Multiplication (G) Answers

Name: _____ Date: _____ Score: _____

Use the distributive property of multiplication to calculate each product.

Ex. 70×2
$= (70 + 0) \times (2)$
$= (70 \times 2) + (0 \times 2)$
$= 140 + 0 = \boxed{140}$

1. 13×6
$= (10 + 3) \times (6)$
$= (10 \times 6) + (3 \times 6)$
$= 60 + 18 = \boxed{78}$

2. 78×2
$= (70 + 8) \times (2)$
$= (70 \times 2) + (8 \times 2)$
$= 140 + 16 = \boxed{156}$

3. 64×4
$= (60 + 4) \times (4)$
$= (60 \times 4) + (4 \times 4)$
$= 240 + 16 = \boxed{256}$

4. 54×7
$= (50 + 4) \times (7)$
$= (50 \times 7) + (4 \times 7)$
$= 350 + 28 = \boxed{378}$

5. 21×2
$= (20 + 1) \times (2)$
$= (20 \times 2) + (1 \times 2)$
$= 40 + 2 = \boxed{42}$

6. 46×8
$= (40 + 6) \times (8)$
$= (40 \times 8) + (6 \times 8)$
$= 320 + 48 = \boxed{368}$

7. 81×9
$= (80 + 1) \times (9)$
$= (80 \times 9) + (1 \times 9)$
$= 720 + 9 = \boxed{729}$

8. 87×3
$= (80 + 7) \times (3)$
$= (80 \times 3) + (7 \times 3)$
$= 240 + 21 = \boxed{261}$

9. 50×8
$= (50 + 0) \times (8)$
$= (50 \times 8) + (0 \times 8)$
$= 400 + 0 = \boxed{400}$

10. 28×9
$= (20 + 8) \times (9)$
$= (20 \times 9) + (8 \times 9)$
$= 180 + 72 = \boxed{252}$