

Distributive Property Multiplication (H)

Name: _____ Date: _____ Score: _____

Use the distributive property of multiplication to calculate each product.

Ex. 48×7
 $= (40 + 8) \times (7)$
 $= (40 \times 7) + (8 \times 7)$
 $= 280 + 56 = \boxed{336}$

1. 46×2

6. 74×3

2. 36×6

7. 59×9

3. 62×5

8. 62×6

4. 57×6

9. 73×5

5. 15×3

10. 30×2

Distributive Property Multiplication (H) Answers

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Ex. 48×7
 $= (40 + 8) \times (7)$
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 $= 280 + 56 = \boxed{336}$

1. 46×2
 $= (40 + 6) \times (2)$
 $= (40 \times 2) + (6 \times 2)$
 $= 80 + 12 = \boxed{92}$

6. 74×3
 $= (70 + 4) \times (3)$
 $= (70 \times 3) + (4 \times 3)$
 $= 210 + 12 = \boxed{222}$

2. 36×6
 $= (30 + 6) \times (6)$
 $= (30 \times 6) + (6 \times 6)$
 $= 180 + 36 = \boxed{216}$

7. 59×9
 $= (50 + 9) \times (9)$
 $= (50 \times 9) + (9 \times 9)$
 $= 450 + 81 = \boxed{531}$

3. 62×5
 $= (60 + 2) \times (5)$
 $= (60 \times 5) + (2 \times 5)$
 $= 300 + 10 = \boxed{310}$

8. 62×6
 $= (60 + 2) \times (6)$
 $= (60 \times 6) + (2 \times 6)$
 $= 360 + 12 = \boxed{372}$

4. 57×6
 $= (50 + 7) \times (6)$
 $= (50 \times 6) + (7 \times 6)$
 $= 300 + 42 = \boxed{342}$

9. 73×5
 $= (70 + 3) \times (5)$
 $= (70 \times 5) + (3 \times 5)$
 $= 350 + 15 = \boxed{365}$

5. 15×3
 $= (10 + 5) \times (3)$
 $= (10 \times 3) + (5 \times 3)$
 $= 30 + 15 = \boxed{45}$

10. 30×2
 $= (30 + 0) \times (2)$
 $= (30 \times 2) + (0 \times 2)$
 $= 60 + 0 = \boxed{60}$