Distributive Property Multiplication (B)

Name: _____   Date: _____   Score: _____

Use the distributive property of multiplication to calculate each product.

Ex. 99×7
$= (90 + 9) \times (7)$
$= (90 \times 7) + (9 \times 7)$
$= 630 + 63 = \boxed{693}$

1. 42×3

2. 72×3

3. 89×5

4. 58×7

5. 10×3

6. 14×5

7. 36×6

8. 47×2

9. 75×9

10. 59×9

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Ex. 99×7
$= (90 + 9) \times (7)$
$= (90 \times 7) + (9 \times 7)$
$= 630 + 63 = \boxed{693}$

1. 42×3
$= (40 + 2) \times (3)$
$= (40 \times 3) + (2 \times 3)$
$= 120 + 6 = \boxed{126}$

2. 72×3
$= (70 + 2) \times (3)$
$= (70 \times 3) + (2 \times 3)$
$= 210 + 6 = \boxed{216}$

3. 89×5
$= (80 + 9) \times (5)$
$= (80 \times 5) + (9 \times 5)$
$= 400 + 45 = \boxed{445}$

4. 58×7
$= (50 + 8) \times (7)$
$= (50 \times 7) + (8 \times 7)$
$= 350 + 56 = \boxed{406}$

5. 10×3
$= (10 + 0) \times (3)$
$= (10 \times 3) + (0 \times 3)$
$= 30 + 0 = \boxed{30}$

6. 14×5
$= (10 + 4) \times (5)$
$= (10 \times 5) + (4 \times 5)$
$= 50 + 20 = \boxed{70}$

7. 36×6
$= (30 + 6) \times (6)$
$= (30 \times 6) + (6 \times 6)$
$= 180 + 36 = \boxed{216}$

8. 47×2
$= (40 + 7) \times (2)$
$= (40 \times 2) + (7 \times 2)$
$= 80 + 14 = \boxed{94}$

9. 75×9
$= (70 + 5) \times (9)$
$= (70 \times 9) + (5 \times 9)$
$= 630 + 45 = \boxed{675}$

10. 59×9
$= (50 + 9) \times (9)$
$= (50 \times 9) + (9 \times 9)$
$= 450 + 81 = \boxed{531}$

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