Distributive Property Multiplication (A)

Name: _____   Date: _____   Score: _____

Use the distributive property of multiplication to calculate each product.

Ex. 81×7
$= (80 + 1) \times (7)$
$= (80 \times 7) + (1 \times 7)$
$= 560 + 7 = \boxed{567}$

1. 21×5

2. 60×4

3. 84×8

4. 15×5

5. 80×6

6. 71×8

7. 86×2

8. 34×2

9. 83×9

10. 35×2

Distributive Property Multiplication (A) Answers

Use the distributive property of multiplication to calculate each product.

Ex. 81×7
$$= (80 + 1) \times (7)$$
$$= (80 \times 7) + (1 \times 7)$$
$$= 560 + 7 = \boxed{567}$$

1. 21×5
$$= (20 + 1) \times (5)$$
$$= (20 \times 5) + (1 \times 5)$$
$$= 100 + 5 = \boxed{105}$$

6. 71×8
$$= (70 + 1) \times (8)$$
$$= (70 \times 8) + (1 \times 8)$$
$$= 560 + 8 = \boxed{568}$$

2. 60×4
$$= (60 + 0) \times (4)$$
$$= (60 \times 4) + (0 \times 4)$$
$$= 240 + 0 = \boxed{240}$$

7. 86×2
$$= (80 + 6) \times (2)$$
$$= (80 \times 2) + (6 \times 2)$$
$$= 160 + 12 = \boxed{172}$$

3. 84×8
$$= (80 + 4) \times (8)$$
$$= (80 \times 8) + (4 \times 8)$$
$$= 640 + 32 = \boxed{672}$$

8. 34×2
$$= (30 + 4) \times (2)$$
$$= (30 \times 2) + (4 \times 2)$$
$$= 60 + 8 = \boxed{68}$$

4. 15×5
$$= (10 + 5) \times (5)$$
$$= (10 \times 5) + (5 \times 5)$$
$$= 50 + 25 = \boxed{75}$$

9. 83×9
$$= (80 + 3) \times (9)$$
$$= (80 \times 9) + (3 \times 9)$$
$$= 720 + 27 = \boxed{747}$$

5. 80×6
$$= (80 + 0) \times (6)$$
$$= (80 \times 6) + (0 \times 6)$$
$$= 480 + 0 = \boxed{480}$$

10. 35×2
$$= (30 + 5) \times (2)$$
$$= (30 \times 2) + (5 \times 2)$$
$$= 60 + 10 = \boxed{70}$$