Distributive Property Multiplication (F)

 Name:
 Date:
 Score:

Use the distributive property of multiplication to calculate each product.

- Ex. 49×3 = $(40 + 9) \times (3)$ = $(40 \times 3) + (9 \times 3)$ = 120 + 27 = 147
- 1. 50×8 6. 32×4

2. 36×4 7. 89×9

^{3.} 72 × 9 ^{8.} 51 × 3

4. 68×4 9. 47×3

^{5.} 60×8 ^{10.} 30×8

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Distributive Property Multiplication (F) Answers

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Use the distributive property of multiplication to calculate each product.

- Ex. 49×3 = $(40 + 9) \times (3)$ = $(40 \times 3) + (9 \times 3)$ = 120 + 27 = 147
 - 1. 50×8 = $(50 + 0) \times (8)$ = $(50 \times 8) + (0 \times 8)$ = 400 + 0 = 400
- ^{2.} 36×4 = $(30 + 6) \times (4)$ = $(30 \times 4) + (6 \times 4)$ = 120 + 24 = 144
- ^{3.} 72×9 = $(70 + 2) \times (9)$ = $(70 \times 9) + (2 \times 9)$ = 630 + 18 = 648
- ^{4.} 68×4 = $(60 + 8) \times (4)$ = $(60 \times 4) + (8 \times 4)$ = 240 + 32 = 272
- 5. 60×8 = $(60 + 0) \times (8)$ = $(60 \times 8) + (0 \times 8)$ = 480 + 0 = 480

- 6. 32×4 = $(30 + 2) \times (4)$ = $(30 \times 4) + (2 \times 4)$ = 120 + 8 = 128
- 7. 89×9 = $(80 + 9) \times (9)$ = $(80 \times 9) + (9 \times 9)$ = 720 + 81 = 801
- 8. 51×3 = $(50 + 1) \times (3)$ = $(50 \times 3) + (1 \times 3)$ = 150 + 3 = 153
- 9. 47×3 = $(40 + 7) \times (3)$ = $(40 \times 3) + (7 \times 3)$ = 120 + 21 = 141
- ^{10.} 30×8 = $(30 + 0) \times (8)$ = $(30 \times 8) + (0 \times 8)$ = 240 + 0 = 240

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