

Distributive Property of Multiplication

Use the **distributive property** of multiplication to find the answer.

Solved:

$$2 \times 24 = 2(20 + 4) = (2 \times 20) + (2 \times 4) = 40 + 8 = 48$$

1 $4 \times 38 =$ _____

2 $7 \times 18 =$ _____

3 $5 \times 25 =$ _____

4 $2 \times 32 =$ _____

5 $8 \times 44 =$ _____

6 $6 \times 36 =$ _____

7 $9 \times 85 =$ _____

8 $6 \times 66 =$ _____

9 $3 \times 58 =$ _____

10 $7 \times 67 =$ _____

Distributive Property of Multiplication

Answers

Solved:

$$2 \times 24 = 2(20 + 4) = (2 \times 20) + (2 \times 4) = 40 + 8 = 48$$

$$1 \quad 4 \times 38 = \underline{4(30 + 8) = (4 \times 30) + (4 \times 8) = 120 + 32 = 152}$$

$$2 \quad 7 \times 18 = \underline{7(10 + 8) = (7 \times 10) + (7 \times 8) = 70 + 56 = 126}$$

$$3 \quad 5 \times 25 = \underline{5(20 + 5) = (5 \times 20) + (5 \times 5) = 100 + 25 = 125}$$

$$4 \quad 2 \times 32 = \underline{2(30 + 2) = (2 \times 30) + (2 \times 2) = 60 + 4 = 64}$$

$$5 \quad 8 \times 44 = \underline{8(40 + 4) = (8 \times 40) + (8 \times 4) = 320 + 32 = 352}$$

$$6 \quad 6 \times 36 = \underline{6(30 + 6) = (6 \times 30) + (6 \times 6) = 180 + 36 = 216}$$

$$7 \quad 9 \times 85 = \underline{9(80 + 5) = (9 \times 80) + (9 \times 5) = 720 + 45 = 765}$$

$$8 \quad 6 \times 66 = \underline{6(60 + 6) = (6 \times 60) + (6 \times 6) = 360 + 36 = 396}$$

$$9 \quad 3 \times 58 = \underline{3(50 + 8) = (3 \times 50) + (3 \times 8) = 150 + 24 = 174}$$

$$10 \quad 7 \times 67 = \underline{7(60 + 7) = (7 \times 60) + (7 \times 7) = 420 + 49 = 469}$$