Using Distributive Property Name:

Use the distributive property to solve each problem.

Ex) $17 \times 4 = (8 \times 4) + (\underline{9} \times 4) = 68$
$32 + 36$

1) $7 \times 17 = (7 \times 9) + (7 \times ____) = ____$
$+$

2) $16 \times 8 = (9 \times 8) + (____ \times 8) = ____$
$+$

3) $9 \times 15 = (9 \times 9) + (9 \times ____) = ____$
$+$

4) $4 \times 14 = (4 \times 9) + (4 \times ____) = ____$
$+$

5) $4 \times 14 = (4 \times 6) + (4 \times ____) = ____$
$+$

6) $6 \times 18 = (6 \times 8) + (6 \times ____) = ____$
$+$

7) $13 \times 3 = (3 \times 3) + (____ \times 3) = ____$
$+$

8) $14 \times 8 = (6 \times 8) + (____ \times 8) = ____$
$+$

9) $9 \times 15 = (9 \times 9) + (9 \times ____) = ____$
$+$

10) $5 \times 14 = (5 \times 7) + (5 \times ____) = ____$
$+$

Answers

Ex. 68

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____

1-10	90	80	70	60	50	40	30	20	10	0

Use the distributive property to solve each problem.

Ex) $17 \times 4 = (8 \times 4) + (\ 9\ \times 4\ ) = 32 + 36 = 68$

1) $7 \times 17 = (7 \times 9) + (\ 7\ \times 8\ ) = 63 + 56 = 119$

2) $16 \times 8 = (9 \times 8) + (\ 7\ \times 8\ ) = 72 + 56 = 128$

3) $9 \times 15 = (9 \times 9) + (\ 9\ \times 6\ ) = 81 + 54 = 135$

4) $4 \times 14 = (4 \times 9) + (\ 4\ \times 5\ ) = 36 + 20 = 56$

5) $4 \times 14 = (4 \times 6) + (\ 4\ \times 8\ ) = 24 + 32 = 56$

6) $6 \times 18 = (6 \times 8) + (\ 6\ \times 10\ ) = 48 + 60 = 108$

7) $13 \times 3 = (3 \times 3) + (\ 10\ \times 3\ ) = 9 + 30 = 39$

8) $14 \times 8 = (6 \times 8) + (\ 8\ \times 8\ ) = 48 + 64 = 112$

9) $9 \times 15 = (9 \times 9) + (\ 9\ \times 6\ ) = 81 + 54 = 135$

10) $5 \times 14 = (5 \times 7) + (\ 5\ \times 7\ ) = 35 + 35 = 70$

Answers

Ex. 68

1. 119
2. 128
3. 135
4. 56
5. 56
6. 108
7. 39
8. 112
9. 135
10. 70

1-10	90	80	70	60	50	40	30	20	10	0