Using Distributive Property

Name:

Use the distributive property to solve each problem.

Ex) 15 × 3 = (9 × 3) + (6 × 3) = 45
27 + 18

1) 13 × 5 = (4 × 5) + (____ × 5) = _____
+

2) 5 × 18 = (5 × 8) + (5 × ____) = _____
+

3) 7 × 12 = (7 × 6) + (7 × ____) = _____
+

4) 8 × 17 = (8 × 7) + (8 × ____) = _____
+

5) 4 × 13 = (4 × 9) + (4 × ____) = _____
+

6) 5 × 15 = (5 × 8) + (5 × ____) = _____
+

7) 5 × 16 = (5 × 7) + (5 × ____) = _____
+

8) 16 × 9 = (9 × 9) + (____ × 9) = _____
+

9) 16 × 3 = (6 × 3) + (____ × 3) = _____
+

10) 7 × 12 = (7 × 7) + (7 × ____) = _____
+

Answers

Ex. 45

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

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

Using Distributive Property

Name: **Answer Key**

Use the distributive property to solve each problem.

Ex) 15 × 3 = (9 × 3) + (6 × 3) = 45
27 + 18

1) 13 × 5 = (4 × 5) + (9 × 5) = 65
20 + 45

2) 5 × 18 = (5 × 8) + (5 × 10) = 90
40 + 50

3) 7 × 12 = (7 × 6) + (7 × 6) = 84
42 + 42

4) 8 × 17 = (8 × 7) + (8 × 10) = 136
56 + 80

5) 4 × 13 = (4 × 9) + (4 × 4) = 52
36 + 16

6) 5 × 15 = (5 × 8) + (5 × 7) = 75
40 + 35

7) 5 × 16 = (5 × 7) + (5 × 9) = 80
35 + 45

8) 16 × 9 = (9 × 9) + (7 × 9) = 144
81 + 63

9) 16 × 3 = (6 × 3) + (10 × 3) = 48
18 + 30

10) 7 × 12 = (7 × 7) + (7 × 5) = 84
49 + 35

Answers

Ex. 45
1. 65
2. 90
3. 84
4. 136
5. 52
6. 75
7. 80
8. 144
9. 48
10. 84

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