Rewriting Expressions as Multiples of a Sum

Name:

Use the distributive property to rewrite the expression as a multiple of a sum of two numbers with no common factor.

Ex) 6 + 30 6×(1+5)

1) 33 + 30 _____

2) 6 + 18 _____

3) 30 + 16 _____

4) 27 + 39 _____

5) 9 + 21 _____

6) 45 + 30 _____

7) 6 + 12 _____

8) 4 + 18 _____

9) 6 + 27 _____

10) 36 + 24 _____

11) 6 + 10 _____

12) 36 + 9 _____

Answers

Ex. 6×(1+5)

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

1-10	92	83	75	67	58	50	42	33	25	17
11-12	8	0								

Use the distributive property to rewrite the expression as a multiple of a sum of two numbers with no common factor.

Ex) 6 + 30 6×(1+5)

1) 33 + 30 3×(11+10)

2) 6 + 18 6×(1+3)

3) 30 + 16 2×(15+8)

4) 27 + 39 3×(9+13)

5) 9 + 21 3×(3+7)

6) 45 + 30 15×(3+2)

7) 6 + 12 6×(1+2)

8) 4 + 18 2×(2+9)

9) 6 + 27 3×(2+9)

10) 36 + 24 12×(3+2)

11) 6 + 10 2×(3+5)

12) 36 + 9 9×(4+1)

Answers

Ex. **6×(1+5)**

1. **3×(11+10)**
2. **6×(1+3)**
3. **2×(15+8)**
4. **3×(9+13)**
5. **3×(3+7)**
6. **15×(3+2)**
7. **6×(1+2)**
8. **2×(2+9)**
9. **3×(2+9)**
10. **12×(3+2)**
11. **2×(3+5)**
12. **9×(4+1)**

1-10	92	83	75	67	58	50	42	33	25	17
11-12	8	0								