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) 39 + 3 3×(13+1)

1) 6 + 21 _____

2) 2 + 8 _____

3) 14 + 24 _____

4) 24 + 45 _____

5) 2 + 24 _____

6) 10 + 15 _____

7) 12 + 24 _____

8) 8 + 36 _____

9) 12 + 33 _____

10) 15 + 9 _____

11) 39 + 36 _____

12) 30 + 14 _____

Answers

Ex. 3×(13+1)

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) 39 + 3 3×(13+1)

1) 6 + 21 3×(2+7)

2) 2 + 8 2×(1+4)

3) 14 + 24 2×(7+12)

4) 24 + 45 3×(8+15)

5) 2 + 24 2×(1+12)

6) 10 + 15 5×(2+3)

7) 12 + 24 12×(1+2)

8) 8 + 36 4×(2+9)

9) 12 + 33 3×(4+11)

10) 15 + 9 3×(5+3)

11) 39 + 36 3×(13+12)

12) 30 + 14 2×(15+7)

Answers

Ex. 3×(13+1)

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

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