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 + 21 3×(2+7)

1) 18 + 28 _____

2) 26 + 21 _____

3) 24 + 4 _____

4) 42 + 18 _____

5) 18 + 12 _____

6) 2 + 36 _____

7) 39 + 8 _____

8) 12 + 22 _____

9) 16 + 28 _____

10) 6 + 36 _____

11) 30 + 2 _____

12) 14 + 36 _____

Answers

Ex. **3×(2+7)**

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								

Rewriting Expressions as Multiples of a Sum Name: **Answer Key**

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

Ex) 6 + 21 3×(2+7)

1) 18 + 28 2×(9+14)

2) 26 + 21 1×(26+21)

3) 24 + 4 4×(6+1)

4) 42 + 18 6×(7+3)

5) 18 + 12 6×(3+2)

6) 2 + 36 2×(1+18)

7) 39 + 8 1×(39+8)

8) 12 + 22 2×(6+11)

9) 16 + 28 4×(4+7)

10) 6 + 36 6×(1+6)

11) 30 + 2 2×(15+1)

12) 14 + 36 2×(7+18)

Answers

Ex. 3×(2+7)

1. 2×(9+14)
2. 1×(26+21)
3. 4×(6+1)
4. 6×(7+3)
5. 6×(3+2)
6. 2×(1+18)
7. 1×(39+8)
8. 2×(6+11)
9. 4×(4+7)
10. 6×(1+6)
11. 2×(15+1)
12. 2×(7+18)

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