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) 28 + 4 4×(7+1)

1) 36 + 20 _____

2) 6 + 9 _____

3) 14 + 18 _____

4) 22 + 12 _____

5) 30 + 42 _____

6) 42 + 12 _____

7) 39 + 36 _____

8) 42 + 12 _____

9) 3 + 3 _____

10) 6 + 27 _____

11) 18 + 39 _____

12) 18 + 30 _____

Answers

Ex. 4×(7+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								

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) 28 + 4 4×(7+1)

1) 36 + 20 4×(9+5)

2) 6 + 9 3×(2+3)

3) 14 + 18 2×(7+9)

4) 22 + 12 2×(11+6)

5) 30 + 42 6×(5+7)

6) 42 + 12 6×(7+2)

7) 39 + 36 3×(13+12)

8) 42 + 12 6×(7+2)

9) 3 + 3 3×(1+1)

10) 6 + 27 3×(2+9)

11) 18 + 39 3×(6+13)

12) 18 + 30 6×(3+5)

Answers

Ex. 4×(7+1)

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

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