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) 15 + 10 _____

2) 30 + 4 _____

3) 9 + 3 _____

4) 10 + 16 _____

5) 2 + 12 _____

6) 3 + 15 _____

7) 36 + 33 _____

8) 28 + 42 _____

9) 33 + 39 _____

10) 22 + 2 _____

11) 36 + 16 _____

12) 24 + 45 _____

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) 15 + 10 5×(3+2)

2) 30 + 4 2×(15+2)

3) 9 + 3 3×(3+1)

4) 10 + 16 2×(5+8)

5) 2 + 12 2×(1+6)

6) 3 + 15 3×(1+5)

7) 36 + 33 3×(12+11)

8) 28 + 42 14×(2+3)

9) 33 + 39 3×(11+13)

10) 22 + 2 2×(11+1)

11) 36 + 16 4×(9+4)

12) 24 + 45 3×(8+15)

Answers

Ex. 3×(2+7)

1. 5×(3+2)
2. 2×(15+2)
3. 3×(3+1)
4. 2×(5+8)
5. 2×(1+6)
6. 3×(1+5)
7. 3×(12+11)
8. 14×(2+3)
9. 3×(11+13)
10. 2×(11+1)
11. 4×(9+4)
12. 3×(8+15)

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