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) 18 + 15 3×(6+5)

1) 30 + 24 _____

2) 2 + 8 _____

3) 39 + 18 _____

4) 33 + 18 _____

5) 12 + 8 _____

6) 45 + 3 _____

7) 36 + 12 _____

8) 14 + 21 _____

9) 26 + 24 _____

10) 36 + 16 _____

11) 12 + 14 _____

12) 18 + 42 _____

Answers

Ex. 3×(6+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								

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) 18 + 15 3×(6+5)

1) 30 + 24 6×(5+4)

2) 2 + 8 2×(1+4)

3) 39 + 18 3×(13+6)

4) 33 + 18 3×(11+6)

5) 12 + 8 4×(3+2)

6) 45 + 3 3×(15+1)

7) 36 + 12 12×(3+1)

8) 14 + 21 7×(2+3)

9) 26 + 24 2×(13+12)

10) 36 + 16 4×(9+4)

11) 12 + 14 2×(6+7)

12) 18 + 42 6×(3+7)

Answers

Ex. 3×(6+5)

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

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