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 + 27 9×(2+3)

1) 18 + 39 _____

2) 8 + 30 _____

3) 24 + 12 _____

4) 15 + 18 _____

5) 27 + 12 _____

6) 22 + 42 _____

7) 30 + 3 _____

8) 26 + 28 _____

9) 18 + 2 _____

10) 33 + 18 _____

11) 39 + 21 _____

12) 45 + 12 _____

Answers

Ex. 9×(2+3)

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 + 27 9×(2+3)

1) 18 + 39 3×(6+13)

2) 8 + 30 2×(4+15)

3) 24 + 12 12×(2+1)

4) 15 + 18 3×(5+6)

5) 27 + 12 3×(9+4)

6) 22 + 42 2×(11+21)

7) 30 + 3 3×(10+1)

8) 26 + 28 2×(13+14)

9) 18 + 2 2×(9+1)

10) 33 + 18 3×(11+6)

11) 39 + 21 3×(13+7)

12) 45 + 12 3×(15+4)

Answers

Ex. **9×(2+3)**

1. **3×(6+13)**
2. **2×(4+15)**
3. **12×(2+1)**
4. **3×(5+6)**
5. **3×(9+4)**
6. **2×(11+21)**
7. **3×(10+1)**
8. **2×(13+14)**
9. **2×(9+1)**
10. **3×(11+6)**
11. **3×(13+7)**
12. **3×(15+4)**

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