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) 16 + 22 2×(8+11)

1) 6 + 39 _____

2) 15 + 39 _____

3) 24 + 18 _____

4) 28 + 22 _____

5) 45 + 30 _____

6) 24 + 10 _____

7) 9 + 21 _____

8) 14 + 33 _____

9) 14 + 33 _____

10) 16 + 33 _____

11) 42 + 12 _____

12) 30 + 3 _____

Answers

Ex. **2×(8+11)**

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) 16 + 22 2×(8+11)

1) 6 + 39 3×(2+13)

2) 15 + 39 3×(5+13)

3) 24 + 18 6×(4+3)

4) 28 + 22 2×(14+11)

5) 45 + 30 15×(3+2)

6) 24 + 10 2×(12+5)

7) 9 + 21 3×(3+7)

8) 14 + 33 1×(14+33)

9) 14 + 33 1×(14+33)

10) 16 + 33 1×(16+33)

11) 42 + 12 6×(7+2)

12) 30 + 3 3×(10+1)

Answers

Ex. 2×(8+11)

1. 3×(2+13)
2. 3×(5+13)
3. 6×(4+3)
4. 2×(14+11)
5. 15×(3+2)
6. 2×(12+5)
7. 3×(3+7)
8. 1×(14+33)
9. 1×(14+33)
10. 1×(16+33)
11. 6×(7+2)
12. 3×(10+1)

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