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 + 22 2×(9+11)

1) 33 + 24 _____

2) 33 + 8 _____

3) 24 + 10 _____

4) 16 + 12 _____

5) 24 + 14 _____

6) 28 + 22 _____

7) 12 + 6 _____

8) 30 + 12 _____

9) 4 + 33 _____

10) 21 + 4 _____

11) 12 + 18 _____

12) 24 + 27 _____

Answers

Ex. 2×(9+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								

Use the distributive property to rewrite the expression as a multiple of a sum of two numbers with no common factor.

Ex) 18 + 22 2×(9+11)

1) 33 + 24 3×(11+8)

2) 33 + 8 1×(33+8)

3) 24 + 10 2×(12+5)

4) 16 + 12 4×(4+3)

5) 24 + 14 2×(12+7)

6) 28 + 22 2×(14+11)

7) 12 + 6 6×(2+1)

8) 30 + 12 6×(5+2)

9) 4 + 33 1×(4+33)

10) 21 + 4 1×(21+4)

11) 12 + 18 6×(2+3)

12) 24 + 27 3×(8+9)

Answers

Ex. 2×(9+11)

1. 3×(11+8)
2. 1×(33+8)
3. 2×(12+5)
4. 4×(4+3)
5. 2×(12+7)
6. 2×(14+11)
7. 6×(2+1)
8. 6×(5+2)
9. 1×(4+33)
10. 1×(21+4)
11. 6×(2+3)
12. 3×(8+9)

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