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) 12 + 12 12×(1+1)

1) 3 + 30 _____

2) 6 + 36 _____

3) 21 + 3 _____

4) 12 + 2 _____

5) 33 + 4 _____

6) 36 + 24 _____

7) 18 + 4 _____

8) 14 + 10 _____

9) 12 + 33 _____

10) 14 + 20 _____

11) 6 + 36 _____

12) 30 + 14 _____

Answers

Ex. **12×(1+1)**

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) 12 + 12 12×(1+1)

1) 3 + 30 3×(1+10)

2) 6 + 36 6×(1+6)

3) 21 + 3 3×(7+1)

4) 12 + 2 2×(6+1)

5) 33 + 4 1×(33+4)

6) 36 + 24 12×(3+2)

7) 18 + 4 2×(9+2)

8) 14 + 10 2×(7+5)

9) 12 + 33 3×(4+11)

10) 14 + 20 2×(7+10)

11) 6 + 36 6×(1+6)

12) 30 + 14 2×(15+7)

Answers

Ex. 12×(1+1)

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

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