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) $24 + 16$ ___8×(3+2)___

1) $27 + 33$ _____

2) $6 + 10$ _____

3) $18 + 27$ _____

4) $30 + 26$ _____

5) $26 + 20$ _____

6) $39 + 12$ _____

7) $24 + 39$ _____

8) $3 + 36$ _____

9) $42 + 24$ _____

10) $15 + 33$ _____

11) $2 + 21$ _____

12) $26 + 8$ _____

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

Answer Key

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

Ex)	24 + 16	8×(3+2)

1) 27 + 33   3×(9+11)

2) 6 + 10   2×(3+5)

3) 18 + 27   9×(2+3)

4) 30 + 26   2×(15+13)

5) 26 + 20   2×(13+10)

6) 39 + 12   3×(13+4)

7) 24 + 39   3×(8+13)

8) 3 + 36   3×(1+12)

9) 42 + 24   6×(7+4)

10) 15 + 33   3×(5+11)

11) 2 + 21   1×(2+21)

12) 26 + 8   2×(13+4)

Answers

Ex. ___**8×(3+2)**___

1. ___**3×(9+11)**___

2. ___**2×(3+5)**___

3. ___**9×(2+3)**___

4. ___**2×(15+13)**___

5. ___**2×(13+10)**___

6. ___**3×(13+4)**___

7. ___**3×(8+13)**___

8. ___**3×(1+12)**___

9. ___**6×(7+4)**___

10. ___**3×(5+11)**___

11. ___**1×(2+21)**___

12. ___**2×(13+4)**___

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