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.

1) $20 + 21$ _____

2) $39 + 36$ _____

3) $45 + 10$ _____

4) $27 + 45$ _____

5) $15 + 18$ _____

6) $27 + 24$ _____

7) $6 + 21$ _____

8) $16 + 21$ _____

9) $4 + 18$ _____

10) $24 + 22$ _____

11) $30 + 21$ _____

12) $36 + 16$ _____

Answers

Ex. **3×(14+15)** _____

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____

11. _____

12. _____

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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) 42 + 45   3×(14+15)

Ex.   **3×(14+15)**

1) 20 + 21   1×(20+21)

1.   **1×(20+21)**

2) 39 + 36   3×(13+12)

2.   **3×(13+12)**

3) 45 + 10   5×(9+2)

3.   **5×(9+2)**

4) 27 + 45   9×(3+5)

4.   **9×(3+5)**

5) 15 + 18   3×(5+6)

5.   **3×(5+6)**

6) 27 + 24   3×(9+8)

6.   **3×(9+8)**

7) 6 + 21   3×(2+7)

7.   **3×(2+7)**

8) 16 + 21   1×(16+21)

8.   **1×(16+21)**

9) 4 + 18   2×(2+9)

9.   **2×(2+9)**

10) 24 + 22   2×(12+11)

10.   **2×(12+11)**

11) 30 + 21   3×(10+7)

11.   **3×(10+7)**

12) 36 + 16   4×(9+4)

12.   **4×(9+4)**

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