

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) $18 + 3$ _____

1) $21 + 3$ _____

2) $21 + 30$ _____

3) $18 + 30$ _____

4) $12 + 22$ _____

5) $42 + 45$ _____

6) $6 + 42$ _____

7) $14 + 24$ _____

8) $9 + 24$ _____

9) $10 + 22$ _____

10) $8 + 12$ _____

11) $18 + 9$ _____

12) $6 + 30$ _____

Answers

Ex. $3 \times (6+1)$

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

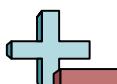
8. _____

9. _____

10. _____

11. _____

12. _____



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) $18 + 3$ $3 \times (6+1)$

1) $21 + 3$ $3 \times (7+1)$

2) $21 + 30$ $3 \times (7+10)$

3) $18 + 30$ $6 \times (3+5)$

4) $12 + 22$ $2 \times (6+11)$

5) $42 + 45$ $3 \times (14+15)$

6) $6 + 42$ $6 \times (1+7)$

7) $14 + 24$ $2 \times (7+12)$

8) $9 + 24$ $3 \times (3+8)$

9) $10 + 22$ $2 \times (5+11)$

10) $8 + 12$ $4 \times (2+3)$

11) $18 + 9$ $9 \times (2+1)$

12) $6 + 30$ $6 \times (1+5)$

Answers

Ex. $3 \times (6+1)$

1.) $3 \times (7+1)$

2.) $3 \times (7+10)$

3.) $6 \times (3+5)$

4.) $2 \times (6+11)$

5.) $3 \times (14+15)$

6.) $6 \times (1+7)$

7.) $2 \times (7+12)$

8.) $3 \times (3+8)$

9.) $2 \times (5+11)$

10.) $4 \times (2+3)$

11.) $9 \times (2+1)$

12.) $6 \times (1+5)$

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