

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) $16 + 22$ _____

1) $6 + 39$ _____

2) $15 + 39$ _____

3) $24 + 18$ _____

4) $28 + 22$ _____

5) $45 + 30$ _____

6) $24 + 10$ _____

7) $9 + 21$ _____

8) $14 + 33$ _____

9) $14 + 33$ _____

10) $16 + 33$ _____

11) $42 + 12$ _____

12) $30 + 3$ _____

Answers

Ex. $2 \times (8+11)$

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

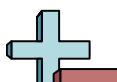
8. _____

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) $16 + 22$ $2 \times (8+11)$

1) $6 + 39$ $3 \times (2+13)$

2) $15 + 39$ $3 \times (5+13)$

3) $24 + 18$ $6 \times (4+3)$

4) $28 + 22$ $2 \times (14+11)$

5) $45 + 30$ $15 \times (3+2)$

6) $24 + 10$ $2 \times (12+5)$

7) $9 + 21$ $3 \times (3+7)$

8) $14 + 33$ $1 \times (14+33)$

9) $14 + 33$ $1 \times (14+33)$

10) $16 + 33$ $1 \times (16+33)$

11) $42 + 12$ $6 \times (7+2)$

12) $30 + 3$ $3 \times (10+1)$

Answers

Ex. $2 \times (8+11)$

1. $3 \times (2+13)$

2. $3 \times (5+13)$

3. $6 \times (4+3)$

4. $2 \times (14+11)$

5. $15 \times (3+2)$

6. $2 \times (12+5)$

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

8. $1 \times (14+33)$

9. $1 \times (14+33)$

10. $1 \times (16+33)$

11. $6 \times (7+2)$

12. $3 \times (10+1)$