



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) $24 + 45$ _____

1) $8 + 6$ _____

2) $28 + 10$ _____

3) $12 + 22$ _____

4) $2 + 15$ _____

5) $33 + 24$ _____

6) $15 + 12$ _____

7) $22 + 24$ _____

8) $20 + 42$ _____

9) $6 + 22$ _____

10) $15 + 16$ _____

11) $18 + 6$ _____

12) $18 + 45$ _____

Answers

Ex. $3 \times (8+15)$

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) $24 + 45$ $3 \times (8+15)$

1) $8 + 6$ $2 \times (4+3)$

2) $28 + 10$ $2 \times (14+5)$

3) $12 + 22$ $2 \times (6+11)$

4) $2 + 15$ $1 \times (2+15)$

5) $33 + 24$ $3 \times (11+8)$

6) $15 + 12$ $3 \times (5+4)$

7) $22 + 24$ $2 \times (11+12)$

8) $20 + 42$ $2 \times (10+21)$

9) $6 + 22$ $2 \times (3+11)$

10) $15 + 16$ $1 \times (15+16)$

11) $18 + 6$ $6 \times (3+1)$

12) $18 + 45$ $9 \times (2+5)$

Answers

Ex. $3 \times (8+15)$

1. $2 \times (4+3)$

2. $2 \times (14+5)$

3. $2 \times (6+11)$

4. $1 \times (2+15)$

5. $3 \times (11+8)$

6. $3 \times (5+4)$

7. $2 \times (11+12)$

8. $2 \times (10+21)$

9. $2 \times (3+11)$

10. $1 \times (15+16)$

11. $6 \times (3+1)$

12. $9 \times (2+5)$