



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) $22 + 18$ _____

1) $27 + 36$ _____

2) $42 + 30$ _____

3) $39 + 33$ _____

4) $33 + 8$ _____

5) $30 + 2$ _____

6) $27 + 8$ _____

7) $9 + 16$ _____

8) $2 + 22$ _____

9) $6 + 36$ _____

10) $20 + 24$ _____

11) $42 + 6$ _____

12) $8 + 4$ _____

Answers

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

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) $22 + 18$ $2 \times (11+9)$

1) $27 + 36$ $9 \times (3+4)$

2) $42 + 30$ $6 \times (7+5)$

3) $39 + 33$ $3 \times (13+11)$

4) $33 + 8$ $1 \times (33+8)$

5) $30 + 2$ $2 \times (15+1)$

6) $27 + 8$ $1 \times (27+8)$

7) $9 + 16$ $1 \times (9+16)$

8) $2 + 22$ $2 \times (1+11)$

9) $6 + 36$ $6 \times (1+6)$

10) $20 + 24$ $4 \times (5+6)$

11) $42 + 6$ $6 \times (7+1)$

12) $8 + 4$ $4 \times (2+1)$

Answers

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

1. $9 \times (3+4)$

2. $6 \times (7+5)$

3. $3 \times (13+11)$

4. $1 \times (33+8)$

5. $2 \times (15+1)$

6. $1 \times (27+8)$

7. $1 \times (9+16)$

8. $2 \times (1+11)$

9. $6 \times (1+6)$

10. $4 \times (5+6)$

11. $6 \times (7+1)$

12. $4 \times (2+1)$