



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) $18 + 22$ _____

1) $33 + 24$ _____

2) $33 + 8$ _____

3) $24 + 10$ _____

4) $16 + 12$ _____

5) $24 + 14$ _____

6) $28 + 22$ _____

7) $12 + 6$ _____

8) $30 + 12$ _____

9) $4 + 33$ _____

10) $21 + 4$ _____

11) $12 + 18$ _____

12) $24 + 27$ _____

Answers

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

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

1) $33 + 24$ $3 \times (11+8)$

2) $33 + 8$ $1 \times (33+8)$

3) $24 + 10$ $2 \times (12+5)$

4) $16 + 12$ $4 \times (4+3)$

5) $24 + 14$ $2 \times (12+7)$

6) $28 + 22$ $2 \times (14+11)$

7) $12 + 6$ $6 \times (2+1)$

8) $30 + 12$ $6 \times (5+2)$

9) $4 + 33$ $1 \times (4+33)$

10) $21 + 4$ $1 \times (21+4)$

11) $12 + 18$ $6 \times (2+3)$

12) $24 + 27$ $3 \times (8+9)$

Answers

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

1. $3 \times (11+8)$

2. $1 \times (33+8)$

3. $2 \times (12+5)$

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

5. $2 \times (12+7)$

6. $2 \times (14+11)$

7. $6 \times (2+1)$

8. $6 \times (5+2)$

9. $1 \times (4+33)$

10. $1 \times (21+4)$

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

12. $3 \times (8+9)$