



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) $24 + 2$ _____

1) $6 + 9$ _____

2) $45 + 33$ _____

3) $20 + 33$ _____

4) $42 + 14$ _____

5) $20 + 33$ _____

6) $20 + 33$ _____

7) $10 + 12$ _____

8) $39 + 22$ _____

9) $8 + 26$ _____

10) $24 + 8$ _____

11) $24 + 12$ _____

12) $3 + 6$ _____

Answers

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

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) $24 + 2$ $2 \times (12+1)$

1) $6 + 9$ $3 \times (2+3)$

2) $45 + 33$ $3 \times (15+11)$

3) $20 + 33$ $1 \times (20+33)$

4) $42 + 14$ $14 \times (3+1)$

5) $20 + 33$ $1 \times (20+33)$

6) $20 + 33$ $1 \times (20+33)$

7) $10 + 12$ $2 \times (5+6)$

8) $39 + 22$ $1 \times (39+22)$

9) $8 + 26$ $2 \times (4+13)$

10) $24 + 8$ $8 \times (3+1)$

11) $24 + 12$ $12 \times (2+1)$

12) $3 + 6$ $3 \times (1+2)$

Answers

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

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

2. $3 \times (15+11)$

3. $1 \times (20+33)$

4. $14 \times (3+1)$

5. $1 \times (20+33)$

6. $1 \times (20+33)$

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

8. $1 \times (39+22)$

9. $2 \times (4+13)$

10. $8 \times (3+1)$

11. $12 \times (2+1)$

12. $3 \times (1+2)$