



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)  $33 + 24 =$  \_\_\_\_\_

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. \_\_\_\_\_



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.  $3 \times (8 + 9)$



Use the distributive property to rewrite the expression as a multiple of a sum of two numbers with no common factor.

Ex)  $4 + 3 = 1 \times (4 + 3)$

Ex)  $6 + 22 = 2 \times (3 + 11)$

1)  $45 + 12 =$  \_\_\_\_\_

2)  $3 + 36 =$  \_\_\_\_\_

3)  $10 + 12 =$  \_\_\_\_\_

4)  $15 + 18 =$  \_\_\_\_\_

5)  $24 + 24 =$  \_\_\_\_\_

6)  $9 + 24 =$  \_\_\_\_\_

7)  $24 + 12 =$  \_\_\_\_\_

8)  $12 + 30 =$  \_\_\_\_\_

9)  $18 + 20 =$  \_\_\_\_\_

10)  $30 + 3 =$  \_\_\_\_\_

11)  $16 + 16 =$  \_\_\_\_\_

12)  $24 + 36 =$  \_\_\_\_\_

Answers

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

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

1. \_\_\_\_\_

2. \_\_\_\_\_

3. \_\_\_\_\_

4. \_\_\_\_\_

5. \_\_\_\_\_

6. \_\_\_\_\_

7. \_\_\_\_\_

8. \_\_\_\_\_

9. \_\_\_\_\_

10. \_\_\_\_\_

11. \_\_\_\_\_

12. \_\_\_\_\_



Use the distributive property to rewrite the expression as a multiple of a sum of two numbers with no common factor.

Ex)  $4 + 3 = 1 \times (4 + 3)$

Ex)  $6 + 22 = 2 \times (3 + 11)$

1)  $45 + 12 = 3 \times (15 + 4)$

2)  $3 + 36 = 3 \times (1 + 12)$

3)  $10 + 12 = 2 \times (5 + 6)$

4)  $15 + 18 = 3 \times (5 + 6)$

5)  $24 + 24 = 24 \times (1 + 1)$

6)  $9 + 24 = 3 \times (3 + 8)$

7)  $24 + 12 = 12 \times (2 + 1)$

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

9)  $18 + 20 = 2 \times (9 + 10)$

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

11)  $16 + 16 = 16 \times (1 + 1)$

12)  $24 + 36 = 12 \times (2 + 3)$

Answers

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

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

1.  $3 \times (15 + 4)$

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

3.  $2 \times (5 + 6)$

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

5.  $24 \times (1 + 1)$

6.  $3 \times (3 + 8)$

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

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

9.  $2 \times (9 + 10)$

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

11.  $16 \times (1 + 1)$

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



Use the distributive property to rewrite the expression as a multiple of a sum of two numbers with no common factor.

Ex)  $21 + 12$   $3 \times (7+4)$

1)  $16 + 33$  \_\_\_\_\_

2)  $24 + 14$  \_\_\_\_\_

3)  $36 + 16$  \_\_\_\_\_

4)  $6 + 24$  \_\_\_\_\_

5)  $12 + 6$  \_\_\_\_\_

6)  $10 + 22$  \_\_\_\_\_

7)  $30 + 22$  \_\_\_\_\_

8)  $6 + 2$  \_\_\_\_\_

9)  $33 + 42$  \_\_\_\_\_

10)  $42 + 24$  \_\_\_\_\_

11)  $20 + 24$  \_\_\_\_\_

12)  $22 + 33$  \_\_\_\_\_

Answers

Ex.  $3 \times (7+4)$

1. \_\_\_\_\_

2. \_\_\_\_\_

3. \_\_\_\_\_

4. \_\_\_\_\_

5. \_\_\_\_\_

6. \_\_\_\_\_

7. \_\_\_\_\_

8. \_\_\_\_\_

9. \_\_\_\_\_

10. \_\_\_\_\_

11. \_\_\_\_\_

12. \_\_\_\_\_



Use the distributive property to rewrite the expression as a multiple of a sum of two numbers with no common factor.

Ex)  $21 + 12 = \underline{3 \times (7+4)}$

1)  $16 + 33 = \underline{1 \times (16+33)}$

2)  $24 + 14 = \underline{2 \times (12+7)}$

3)  $36 + 16 = \underline{4 \times (9+4)}$

4)  $6 + 24 = \underline{6 \times (1+4)}$

5)  $12 + 6 = \underline{6 \times (2+1)}$

6)  $10 + 22 = \underline{2 \times (5+11)}$

7)  $30 + 22 = \underline{2 \times (15+11)}$

8)  $6 + 2 = \underline{2 \times (3+1)}$

9)  $33 + 42 = \underline{3 \times (11+14)}$

10)  $42 + 24 = \underline{6 \times (7+4)}$

11)  $20 + 24 = \underline{4 \times (5+6)}$

12)  $22 + 33 = \underline{11 \times (2+3)}$

**Answers**

Ex.  $\underline{3 \times (7+4)}$

1.  $\underline{1 \times (16+33)}$

2.  $\underline{2 \times (12+7)}$

3.  $\underline{4 \times (9+4)}$

4.  $\underline{6 \times (1+4)}$

5.  $\underline{6 \times (2+1)}$

6.  $\underline{2 \times (5+11)}$

7.  $\underline{2 \times (15+11)}$

8.  $\underline{2 \times (3+1)}$

9.  $\underline{3 \times (11+14)}$

10.  $\underline{6 \times (7+4)}$

11.  $\underline{4 \times (5+6)}$

12.  $\underline{11 \times (2+3)}$



Use the distributive property to rewrite the expression as a multiple of a sum of two numbers with no common factor.

Ex)  $39 + 3 = 3 \times (13 + 1)$

1)  $27 + 28 =$  \_\_\_\_\_

2)  $20 + 30 =$  \_\_\_\_\_

3)  $14 + 24 =$  \_\_\_\_\_

4)  $24 + 45 =$  \_\_\_\_\_

5)  $2 + 24 =$  \_\_\_\_\_

6)  $16 + 16 =$  \_\_\_\_\_

7)  $2 + 45 =$  \_\_\_\_\_

8)  $21 + 16 =$  \_\_\_\_\_

9)  $9 + 33 =$  \_\_\_\_\_

10)  $6 + 2 =$  \_\_\_\_\_

11)  $42 + 42 =$  \_\_\_\_\_

12)  $30 + 14 =$  \_\_\_\_\_

Answers

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

1. \_\_\_\_\_

2. \_\_\_\_\_

3. \_\_\_\_\_

4. \_\_\_\_\_

5. \_\_\_\_\_

6. \_\_\_\_\_

7. \_\_\_\_\_

8. \_\_\_\_\_

9. \_\_\_\_\_

10. \_\_\_\_\_

11. \_\_\_\_\_

12. \_\_\_\_\_



Use the distributive property to rewrite the expression as a multiple of a sum of two numbers with no common factor.

Ex)  $39 + 3 = \underline{3 \times (13 + 1)}$

1)  $27 + 28 = \underline{1 \times (27 + 28)}$

2)  $20 + 30 = \underline{10 \times (2 + 3)}$

3)  $14 + 24 = \underline{2 \times (7 + 12)}$

4)  $24 + 45 = \underline{3 \times (8 + 15)}$

5)  $2 + 24 = \underline{2 \times (1 + 12)}$

6)  $16 + 16 = \underline{16 \times (1 + 1)}$

7)  $2 + 45 = \underline{1 \times (2 + 45)}$

8)  $21 + 16 = \underline{1 \times (21 + 16)}$

9)  $9 + 33 = \underline{3 \times (3 + 11)}$

10)  $6 + 2 = \underline{2 \times (3 + 1)}$

11)  $42 + 42 = \underline{42 \times (1 + 1)}$

12)  $30 + 14 = \underline{2 \times (15 + 7)}$

Answers

Ex.  $\underline{3 \times (13 + 1)}$

1.  $\underline{1 \times (27 + 28)}$

2.  $\underline{10 \times (2 + 3)}$

3.  $\underline{2 \times (7 + 12)}$

4.  $\underline{3 \times (8 + 15)}$

5.  $\underline{2 \times (1 + 12)}$

6.  $\underline{16 \times (1 + 1)}$

7.  $\underline{1 \times (2 + 45)}$

8.  $\underline{1 \times (21 + 16)}$

9.  $\underline{3 \times (3 + 11)}$

10.  $\underline{2 \times (3 + 1)}$

11.  $\underline{42 \times (1 + 1)}$

12.  $\underline{2 \times (15 + 7)}$





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)  $6 + 9 =$  \_\_\_\_\_

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. \_\_\_\_\_



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.  $3 \times (1 + 2)$



Use the distributive property to rewrite the expression as a multiple of a sum of two numbers with no common factor.

Ex)  $10 + 8 = 2 \times (5 + 4)$

1)  $24 + 2 =$  \_\_\_\_\_

2)  $26 + 21 =$  \_\_\_\_\_

3)  $30 + 6 =$  \_\_\_\_\_

4)  $18 + 24 =$  \_\_\_\_\_

5)  $27 + 6 =$  \_\_\_\_\_

6)  $6 + 24 =$  \_\_\_\_\_

7)  $18 + 9 =$  \_\_\_\_\_

8)  $15 + 3 =$  \_\_\_\_\_

9)  $28 + 16 =$  \_\_\_\_\_

10)  $12 + 33 =$  \_\_\_\_\_

11)  $9 + 26 =$  \_\_\_\_\_

12)  $9 + 42 =$  \_\_\_\_\_

Answers

Ex.  $2 \times (5 + 4)$

1. \_\_\_\_\_

2. \_\_\_\_\_

3. \_\_\_\_\_

4. \_\_\_\_\_

5. \_\_\_\_\_

6. \_\_\_\_\_

7. \_\_\_\_\_

8. \_\_\_\_\_

9. \_\_\_\_\_

10. \_\_\_\_\_

11. \_\_\_\_\_

12. \_\_\_\_\_



Use the distributive property to rewrite the expression as a multiple of a sum of two numbers with no common factor.

Ex)  $10 + 8$   $2 \times (5 + 4)$

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

2)  $26 + 21$   $1 \times (26 + 21)$

3)  $30 + 6$   $6 \times (5 + 1)$

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

5)  $27 + 6$   $3 \times (9 + 2)$

6)  $6 + 24$   $6 \times (1 + 4)$

7)  $18 + 9$   $9 \times (2 + 1)$

8)  $15 + 3$   $3 \times (5 + 1)$

9)  $28 + 16$   $4 \times (7 + 4)$

10)  $12 + 33$   $3 \times (4 + 11)$

11)  $9 + 26$   $1 \times (9 + 26)$

12)  $9 + 42$   $3 \times (3 + 14)$

Answers

Ex.  $2 \times (5 + 4)$

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

2.  $1 \times (26 + 21)$

3.  $6 \times (5 + 1)$

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

5.  $3 \times (9 + 2)$

6.  $6 \times (1 + 4)$

7.  $9 \times (2 + 1)$

8.  $3 \times (5 + 1)$

9.  $4 \times (7 + 4)$

10.  $3 \times (4 + 11)$

11.  $1 \times (9 + 26)$

12.  $3 \times (3 + 14)$



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)  $8 + 6 = \underline{\hspace{2cm}}$

2)  $28 + 10 = \underline{\hspace{2cm}}$

3)  $12 + 22 = \underline{\hspace{2cm}}$

4)  $2 + 15 = \underline{\hspace{2cm}}$

5)  $33 + 24 = \underline{\hspace{2cm}}$

6)  $15 + 12 = \underline{\hspace{2cm}}$

7)  $22 + 24 = \underline{\hspace{2cm}}$

8)  $20 + 42 = \underline{\hspace{2cm}}$

9)  $6 + 22 = \underline{\hspace{2cm}}$

10)  $15 + 16 = \underline{\hspace{2cm}}$

11)  $18 + 6 = \underline{\hspace{2cm}}$

12)  $18 + 45 = \underline{\hspace{2cm}}$

Answers

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

1.  $\underline{\hspace{2cm}}$

2.  $\underline{\hspace{2cm}}$

3.  $\underline{\hspace{2cm}}$

4.  $\underline{\hspace{2cm}}$

5.  $\underline{\hspace{2cm}}$

6.  $\underline{\hspace{2cm}}$

7.  $\underline{\hspace{2cm}}$

8.  $\underline{\hspace{2cm}}$

9.  $\underline{\hspace{2cm}}$

10.  $\underline{\hspace{2cm}}$

11.  $\underline{\hspace{2cm}}$

12.  $\underline{\hspace{2cm}}$



Use the distributive property to rewrite the expression as a multiple of a sum of two numbers with no common factor.

Ex)  $24 + 45 = \underline{3 \times (8 + 15)}$

1)  $8 + 6 = \underline{2 \times (4 + 3)}$

2)  $28 + 10 = \underline{2 \times (14 + 5)}$

3)  $12 + 22 = \underline{2 \times (6 + 11)}$

4)  $2 + 15 = \underline{1 \times (2 + 15)}$

5)  $33 + 24 = \underline{3 \times (11 + 8)}$

6)  $15 + 12 = \underline{3 \times (5 + 4)}$

7)  $22 + 24 = \underline{2 \times (11 + 12)}$

8)  $20 + 42 = \underline{2 \times (10 + 21)}$

9)  $6 + 22 = \underline{2 \times (3 + 11)}$

10)  $15 + 16 = \underline{1 \times (15 + 16)}$

11)  $18 + 6 = \underline{6 \times (3 + 1)}$

12)  $18 + 45 = \underline{9 \times (2 + 5)}$

Answers

Ex.  $\underline{3 \times (8 + 15)}$

1.  $\underline{2 \times (4 + 3)}$

2.  $\underline{2 \times (14 + 5)}$

3.  $\underline{2 \times (6 + 11)}$

4.  $\underline{1 \times (2 + 15)}$

5.  $\underline{3 \times (11 + 8)}$

6.  $\underline{3 \times (5 + 4)}$

7.  $\underline{2 \times (11 + 12)}$

8.  $\underline{2 \times (10 + 21)}$

9.  $\underline{2 \times (3 + 11)}$

10.  $\underline{1 \times (15 + 16)}$

11.  $\underline{6 \times (3 + 1)}$

12.  $\underline{9 \times (2 + 5)}$



Use the distributive property to rewrite the expression as a multiple of a sum of two numbers with no common factor.

Ex)  $16 + 10 = 2 \times (8 + 5)$

1)  $24 + 6 =$  \_\_\_\_\_

2)  $15 + 26 =$  \_\_\_\_\_

3)  $30 + 26 =$  \_\_\_\_\_

4)  $9 + 26 =$  \_\_\_\_\_

5)  $14 + 18 =$  \_\_\_\_\_

6)  $36 + 28 =$  \_\_\_\_\_

7)  $36 + 22 =$  \_\_\_\_\_

8)  $12 + 9 =$  \_\_\_\_\_

9)  $26 + 16 =$  \_\_\_\_\_

10)  $30 + 39 =$  \_\_\_\_\_

11)  $18 + 22 =$  \_\_\_\_\_

12)  $26 + 12 =$  \_\_\_\_\_

Answers

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

1. \_\_\_\_\_

2. \_\_\_\_\_

3. \_\_\_\_\_

4. \_\_\_\_\_

5. \_\_\_\_\_

6. \_\_\_\_\_

7. \_\_\_\_\_

8. \_\_\_\_\_

9. \_\_\_\_\_

10. \_\_\_\_\_

11. \_\_\_\_\_

12. \_\_\_\_\_



Use the distributive property to rewrite the expression as a multiple of a sum of two numbers with no common factor.

Ex)  $16 + 10 = 2 \times (8 + 5)$

1)  $24 + 6 = 6 \times (4 + 1)$

2)  $15 + 26 = 1 \times (15 + 26)$

3)  $30 + 26 = 2 \times (15 + 13)$

4)  $9 + 26 = 1 \times (9 + 26)$

5)  $14 + 18 = 2 \times (7 + 9)$

6)  $36 + 28 = 4 \times (9 + 7)$

7)  $36 + 22 = 2 \times (18 + 11)$

8)  $12 + 9 = 3 \times (4 + 3)$

9)  $26 + 16 = 2 \times (13 + 8)$

10)  $30 + 39 = 3 \times (10 + 13)$

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

12)  $26 + 12 = 2 \times (13 + 6)$

Answers

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

1.  $6 \times (4 + 1)$

2.  $1 \times (15 + 26)$

3.  $2 \times (15 + 13)$

4.  $1 \times (9 + 26)$

5.  $2 \times (7 + 9)$

6.  $4 \times (9 + 7)$

7.  $2 \times (18 + 11)$

8.  $3 \times (4 + 3)$

9.  $2 \times (13 + 8)$

10.  $3 \times (10 + 13)$

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

12.  $2 \times (13 + 6)$





Use the distributive property to rewrite the expression as a multiple of a sum of two numbers with no common factor.

Ex)  $6 + 36 = 6 \times (1 + 6)$

1)  $12 + 24 =$  \_\_\_\_\_

2)  $33 + 45 =$  \_\_\_\_\_

3)  $8 + 45 =$  \_\_\_\_\_

4)  $33 + 2 =$  \_\_\_\_\_

5)  $16 + 22 =$  \_\_\_\_\_

6)  $26 + 24 =$  \_\_\_\_\_

7)  $24 + 8 =$  \_\_\_\_\_

8)  $14 + 2 =$  \_\_\_\_\_

9)  $42 + 30 =$  \_\_\_\_\_

10)  $15 + 30 =$  \_\_\_\_\_

11)  $30 + 24 =$  \_\_\_\_\_

12)  $39 + 24 =$  \_\_\_\_\_

Answers

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

1. \_\_\_\_\_

2. \_\_\_\_\_

3. \_\_\_\_\_

4. \_\_\_\_\_

5. \_\_\_\_\_

6. \_\_\_\_\_

7. \_\_\_\_\_

8. \_\_\_\_\_

9. \_\_\_\_\_

10. \_\_\_\_\_

11. \_\_\_\_\_

12. \_\_\_\_\_



Use the distributive property to rewrite the expression as a multiple of a sum of two numbers with no common factor.

Ex)  $6 + 36 = \underline{6 \times (1+6)}$

1)  $12 + 24 = \underline{12 \times (1+2)}$

2)  $33 + 45 = \underline{3 \times (11+15)}$

3)  $8 + 45 = \underline{1 \times (8+45)}$

4)  $33 + 2 = \underline{1 \times (33+2)}$

5)  $16 + 22 = \underline{2 \times (8+11)}$

6)  $26 + 24 = \underline{2 \times (13+12)}$

7)  $24 + 8 = \underline{8 \times (3+1)}$

8)  $14 + 2 = \underline{2 \times (7+1)}$

9)  $42 + 30 = \underline{6 \times (7+5)}$

10)  $15 + 30 = \underline{15 \times (1+2)}$

11)  $30 + 24 = \underline{6 \times (5+4)}$

12)  $39 + 24 = \underline{3 \times (13+8)}$

**Answers**

Ex.  $\underline{6 \times (1+6)}$

1.  $\underline{12 \times (1+2)}$

2.  $\underline{3 \times (11+15)}$

3.  $\underline{1 \times (8+45)}$

4.  $\underline{1 \times (33+2)}$

5.  $\underline{2 \times (8+11)}$

6.  $\underline{2 \times (13+12)}$

7.  $\underline{8 \times (3+1)}$

8.  $\underline{2 \times (7+1)}$

9.  $\underline{6 \times (7+5)}$

10.  $\underline{15 \times (1+2)}$

11.  $\underline{6 \times (5+4)}$

12.  $\underline{3 \times (13+8)}$



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)  $27 + 36$  \_\_\_\_\_

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. \_\_\_\_\_



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.  $4 \times (2 + 1)$