



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) $6 + 33 =$ _____

3) $6 + 30 =$ _____

4) $16 + 12 =$ _____

5) $24 + 14 =$ _____

6) $28 + 22 =$ _____

7) $12 + 6 =$ _____

8) $30 + 12 =$ _____

9) $21 + 39 =$ _____

10) $18 + 30 =$ _____

11) $15 + 27 =$ _____

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

1) $33 + 24 = \underline{3 \times (11 + 8)}$

2) $6 + 33 = \underline{3 \times (2 + 11)}$

3) $6 + 30 = \underline{6 \times (1 + 5)}$

4) $16 + 12 = \underline{4 \times (4 + 3)}$

5) $24 + 14 = \underline{2 \times (12 + 7)}$

6) $28 + 22 = \underline{2 \times (14 + 11)}$

7) $12 + 6 = \underline{6 \times (2 + 1)}$

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

9) $21 + 39 = \underline{3 \times (7 + 13)}$

10) $18 + 30 = \underline{6 \times (3 + 5)}$

11) $15 + 27 = \underline{3 \times (5 + 9)}$

12) $24 + 27 = \underline{3 \times (8 + 9)}$

Answers

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

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

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

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

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

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

6. $\underline{2 \times (14 + 11)}$

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

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

9. $\underline{3 \times (7 + 13)}$

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

11. $\underline{3 \times (5 + 9)}$

12. $\underline{3 \times (8 + 9)}$



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

Ex) $14 + 22$ $2 \times (7 + 11)$

1) $45 + 12$ _____

2) $18 + 21$ _____

3) $30 + 8$ _____

4) $15 + 18$ _____

5) $33 + 45$ _____

6) $12 + 28$ _____

7) $18 + 28$ _____

8) $12 + 30$ _____

9) $18 + 20$ _____

10) $30 + 36$ _____

11) $14 + 26$ _____

12) $24 + 15$ _____

Answers

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

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) $14 + 22 = \underline{2 \times (7+11)}$

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

2) $18 + 21 = \underline{3 \times (6+7)}$

3) $30 + 8 = \underline{2 \times (15+4)}$

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

5) $33 + 45 = \underline{3 \times (11+15)}$

6) $12 + 28 = \underline{4 \times (3+7)}$

7) $18 + 28 = \underline{2 \times (9+14)}$

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

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

10) $30 + 36 = \underline{6 \times (5+6)}$

11) $14 + 26 = \underline{2 \times (7+13)}$

12) $24 + 15 = \underline{3 \times (8+5)}$

Answers

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

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

2. $\underline{3 \times (6+7)}$

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

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

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

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

7. $\underline{2 \times (9+14)}$

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

9. $\underline{2 \times (9+10)}$

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

11. $\underline{2 \times (7+13)}$

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



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) $16 + 12 =$ _____

2) $12 + 15 =$ _____

3) $36 + 16 =$ _____

4) $6 + 24 =$ _____

5) $12 + 6 =$ _____

6) $10 + 22 =$ _____

7) $28 + 36 =$ _____

8) $30 + 22 =$ _____

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

1) $16 + 12 = 4 \times (4+3)$

2) $12 + 15 = 3 \times (4+5)$

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

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

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

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

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

8) $30 + 22 = 2 \times (15+11)$

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

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

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

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

Answers

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

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

2. $3 \times (4+5)$

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

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

5. $6 \times (2+1)$

6. $2 \times (5+11)$

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

8. $2 \times (15+11)$

9. $3 \times (11+14)$

10. $6 \times (7+4)$

11. $4 \times (5+6)$

12. $11 \times (2+3)$



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) $6 + 21 =$ _____

2) $2 + 8 =$ _____

3) $14 + 24 =$ _____

4) $24 + 45 =$ _____

5) $2 + 24 =$ _____

6) $10 + 15 =$ _____

7) $12 + 24 =$ _____

8) $8 + 36 =$ _____

9) $12 + 33 =$ _____

10) $15 + 9 =$ _____

11) $39 + 36 =$ _____

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

1) $6 + 21 = 3 \times (2 + 7)$

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

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

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

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

6) $10 + 15 = 5 \times (2 + 3)$

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

8) $8 + 36 = 4 \times (2 + 9)$

9) $12 + 33 = 3 \times (4 + 11)$

10) $15 + 9 = 3 \times (5 + 3)$

11) $39 + 36 = 3 \times (13 + 12)$

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

Answers

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

1. $3 \times (2 + 7)$

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

3. $2 \times (7 + 12)$

4. $3 \times (8 + 15)$

5. $2 \times (1 + 12)$

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

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

8. $4 \times (2 + 9)$

9. $3 \times (4 + 11)$

10. $3 \times (5 + 3)$

11. $3 \times (13 + 12)$

12. $2 \times (15 + 7)$



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) $45 + 20 =$ _____

4) $16 + 26 =$ _____

5) $4 + 26 =$ _____

6) $42 + 10 =$ _____

7) $12 + 2 =$ _____

8) $30 + 36 =$ _____

9) $24 + 15 =$ _____

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) $45 + 20 = 5 \times (9 + 4)$

4) $16 + 26 = 2 \times (8 + 13)$

5) $4 + 26 = 2 \times (2 + 13)$

6) $42 + 10 = 2 \times (21 + 5)$

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

8) $30 + 36 = 6 \times (5 + 6)$

9) $24 + 15 = 3 \times (8 + 5)$

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. $5 \times (9 + 4)$

4. $2 \times (8 + 13)$

5. $2 \times (2 + 13)$

6. $2 \times (21 + 5)$

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

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

9. $3 \times (8 + 5)$

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) $30 + 22 =$ _____

3) $10 + 30 =$ _____

4) $18 + 24 =$ _____

5) $27 + 6 =$ _____

6) $6 + 24 =$ _____

7) $18 + 9 =$ _____

8) $45 + 42 =$ _____

9) $15 + 3 =$ _____

10) $12 + 33 =$ _____

11) $27 + 12 =$ _____

12) $42 + 8 =$ _____

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) $30 + 22 = 2 \times (15 + 11)$

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

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) $45 + 42 = 3 \times (15 + 14)$

9) $15 + 3 = 3 \times (5 + 1)$

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

11) $27 + 12 = 3 \times (9 + 4)$

12) $42 + 8 = 2 \times (21 + 4)$

Answers

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

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

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

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

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

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

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

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

8. $3 \times (15 + 14)$

9. $3 \times (5 + 1)$

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

11. $3 \times (9 + 4)$

12. $2 \times (21 + 4)$



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) $28 + 10 =$ _____

3) $12 + 22 =$ _____

4) $24 + 18 =$ _____

5) $24 + 20 =$ _____

6) $15 + 12 =$ _____

7) $22 + 24 =$ _____

8) $20 + 42 =$ _____

9) $6 + 22 =$ _____

10) $33 + 22 =$ _____

11) $45 + 12 =$ _____

12) $18 + 45 =$ _____

Answers

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

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

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) $24 + 18 = \underline{6 \times (4 + 3)}$

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

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

11) $45 + 12 = \underline{3 \times (15 + 4)}$

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

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

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

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

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) $24 + 4 =$ _____

3) $22 + 14 =$ _____

4) $42 + 20 =$ _____

5) $28 + 12 =$ _____

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

3) $22 + 14 = 2 \times (11 + 7)$

4) $42 + 20 = 2 \times (21 + 10)$

5) $28 + 12 = 4 \times (7 + 3)$

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. $4 \times (6 + 1)$

3. $2 \times (11 + 7)$

4. $2 \times (21 + 10)$

5. $4 \times (7 + 3)$

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) $24 + 20$ _____

4) $12 + 39$ _____

5) $12 + 10$ _____

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

4) $12 + 39 = \underline{3 \times (4+13)}$

5) $12 + 10 = \underline{2 \times (6+5)}$

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

4. $\underline{3 \times (4+13)}$

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

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) $21 + 18$ _____

4) $39 + 33$ _____

5) $18 + 12$ _____

6) $42 + 28$ _____

7) $9 + 45$ _____

8) $39 + 12$ _____

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

1) $27 + 36 = \underline{9 \times (3 + 4)}$

2) $42 + 30 = \underline{6 \times (7 + 5)}$

3) $21 + 18 = \underline{3 \times (7 + 6)}$

4) $39 + 33 = \underline{3 \times (13 + 11)}$

5) $18 + 12 = \underline{6 \times (3 + 2)}$

6) $42 + 28 = \underline{14 \times (3 + 2)}$

7) $9 + 45 = \underline{9 \times (1 + 5)}$

8) $39 + 12 = \underline{3 \times (13 + 4)}$

9) $6 + 36 = \underline{6 \times (1 + 6)}$

10) $20 + 24 = \underline{4 \times (5 + 6)}$

11) $42 + 6 = \underline{6 \times (7 + 1)}$

12) $8 + 4 = \underline{4 \times (2 + 1)}$

Answers

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

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

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

3. $\underline{3 \times (7 + 6)}$

4. $\underline{3 \times (13 + 11)}$

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

6. $\underline{14 \times (3 + 2)}$

7. $\underline{9 \times (1 + 5)}$

8. $\underline{3 \times (13 + 4)}$

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

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

11. $\underline{6 \times (7 + 1)}$

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