



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

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

2) $33 + 8 = \underline{1 \times (33 + 8)}$

3) $24 + 10 = \underline{2 \times (12 + 5)}$

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

10) $21 + 4 = \underline{1 \times (21 + 4)}$

11) $12 + 18 = \underline{6 \times (2 + 3)}$

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

Answers

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

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

2. $\underline{1 \times (33 + 8)}$

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

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

10. $\underline{1 \times (21 + 4)}$

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

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

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

1) $27 + 28 = 1 \times (27 + 28)$

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

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

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

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

6) $16 + 16 = 16 \times (1 + 1)$

7) $2 + 45 = 1 \times (2 + 45)$

8) $21 + 16 = 1 \times (21 + 16)$

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

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

11) $42 + 42 = 42 \times (1 + 1)$

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

Answers

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

1. $1 \times (27 + 28)$

2. $10 \times (2 + 3)$

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

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

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

6. $16 \times (1 + 1)$

7. $1 \times (2 + 45)$

8. $1 \times (21 + 16)$

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

10. $2 \times (3 + 1)$

11. $42 \times (1 + 1)$

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) $20 + 33 =$ _____

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

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

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

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

4) $2 + 15 = 1 \times (2 + 15)$

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

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

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

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

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

10) $15 + 16 = 1 \times (15 + 16)$

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

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

Answers

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

1. $2 \times (4 + 3)$

2. $2 \times (14 + 5)$

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

4. $1 \times (2 + 15)$

5. $3 \times (11 + 8)$

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

7. $2 \times (11 + 12)$

8. $2 \times (10 + 21)$

9. $2 \times (3 + 11)$

10. $1 \times (15 + 16)$

11. $6 \times (3 + 1)$

12. $9 \times (2 + 5)$



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. $4 \times (2 + 1)$