



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

1) $16 + 33$ $1 \times (16+33)$

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

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

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

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. $1 \times (16+33)$

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

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

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

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

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

7. $2 \times (15+11)$

8. $2 \times (3+1)$

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) $27 + 28$ _____

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) $8 + 6$ _____

2) $28 + 10$ _____

3) $12 + 22$ _____

4) $2 + 15$ _____

5) $33 + 24$ _____

6) $15 + 12$ _____

7) $22 + 24$ _____

8) $20 + 42$ _____

9) $6 + 22$ _____

10) $15 + 16$ _____

11) $18 + 6$ _____

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

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

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

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

3) $8 + 45$ $1 \times (8+45)$

4) $33 + 2$ $1 \times (33+2)$

5) $16 + 22$ $2 \times (8+11)$

6) $26 + 24$ $2 \times (13+12)$

7) $24 + 8$ $8 \times (3+1)$

8) $14 + 2$ $2 \times (7+1)$

9) $42 + 30$ $6 \times (7+5)$

10) $15 + 30$ $15 \times (1+2)$

11) $30 + 24$ $6 \times (5+4)$

12) $39 + 24$ $3 \times (13+8)$

Answers

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

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

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

3. $1 \times (8+45)$

4. $1 \times (33+2)$

5. $2 \times (8+11)$

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

7. $8 \times (3+1)$

8. $2 \times (7+1)$

9. $6 \times (7+5)$

10. $15 \times (1+2)$

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

12. $3 \times (13+8)$



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. $4 \times (2 + 1)$