



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