



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