



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