



1. Yes
2. The Lowest Common Denominator of two numbers (denominators) is the smallest number that both of the numbers divide into with no remainder.

3. Yes

4.

$$\frac{1}{3} \quad \text{and} \quad \frac{2}{5}$$

Step 1 - find the LCD of 3, 5 - the LCD is 15.

Step 2 - look at each denominator and multiply the correct value to each fraction such that the denominators are 15. i.e. -

$$\frac{1}{3} \cdot \frac{5}{5} = \frac{5}{15} \qquad \frac{2}{5} \cdot \frac{3}{3} = \frac{6}{15}$$

5. Improper fraction

6. $1\frac{3}{4}$

7. $\frac{8}{15}$

$$\frac{2}{3} \cdot \frac{4}{5} =$$

$$\frac{2 \cdot 4}{3 \cdot 5} = \frac{8}{15}$$

8. $\frac{9}{7}$

$$\frac{6}{7} \cdot \frac{3}{2} =$$

$$\frac{6 \cdot 3}{7 \cdot 2} = \frac{18}{14} = \frac{9}{7}$$

9. $\frac{169}{20}$

$$3\frac{1}{4} \cdot 2\frac{3}{5}$$

$$\frac{13}{4} \cdot \frac{13}{5} = \frac{169}{20}$$

10. $\frac{25}{12}$

$$\frac{5}{3} \div \frac{4}{5} =$$

$$\frac{5}{3} \cdot \frac{5}{4} = \frac{25}{12}$$

11. $\frac{3}{14}$

$$\frac{2}{7} \div \frac{4}{3} =$$

$$\frac{2}{7} \cdot \frac{3}{4} = \frac{6}{28}$$

$$\frac{6}{28} = \frac{3}{14}$$

