



# Changing improper fractions to mixed numbers

Change this improper fraction to a mixed number.

(Remember you may need to cancel.)

$$\frac{27}{12} = 2 \frac{\cancel{3}^1}{\cancel{12}^4} = 2 \frac{1}{4}$$

Change these mixed numbers to improper fractions.

$$2 \frac{3}{4} = \frac{11}{4}$$

$$4 \frac{1}{2} = \frac{9}{2}$$

Change these improper fractions to mixed numbers.

$$\frac{25}{3} = \text{[ ]}$$

$$\frac{15}{12} = \text{[ ]}$$

$$\frac{40}{7} = \text{[ ]}$$

$$\frac{17}{6} = \text{[ ]}$$

$$\frac{11}{9} = \text{[ ]}$$

$$\frac{12}{5} = \text{[ ]}$$

$$\frac{27}{5} = \text{[ ]}$$

$$\frac{26}{3} = \text{[ ]}$$

$$\frac{32}{5} = \text{[ ]}$$

$$\frac{9}{2} = \text{[ ]}$$

$$\frac{19}{2} = \text{[ ]}$$

$$\frac{15}{4} = \text{[ ]}$$

$$\frac{30}{4} = \text{[ ]}$$

$$\frac{26}{8} = \text{[ ]}$$

$$\frac{42}{9} = \text{[ ]}$$

Change these mixed numbers to improper fractions.

$$4 \frac{3}{4} = \text{[ ]}$$

$$9 \frac{1}{2} = \text{[ ]}$$

$$12 \frac{1}{4} = \text{[ ]}$$

$$3 \frac{2}{3} = \text{[ ]}$$

$$6 \frac{3}{4} = \text{[ ]}$$

$$3 \frac{9}{10} = \text{[ ]}$$

$$5 \frac{1}{8} = \text{[ ]}$$

$$3 \frac{2}{5} = \text{[ ]}$$

$$2 \frac{5}{6} = \text{[ ]}$$

$$5 \frac{1}{4} = \text{[ ]}$$

$$3 \frac{3}{8} = \text{[ ]}$$

$$2 \frac{11}{12} = \text{[ ]}$$

$$2 \frac{7}{10} = \text{[ ]}$$

$$4 \frac{3}{10} = \text{[ ]}$$

$$4 \frac{1}{8} = \text{[ ]}$$

$$7 \frac{3}{4} = \text{[ ]}$$

$$8 \frac{1}{2} = \text{[ ]}$$

$$1 \frac{5}{12} = \text{[ ]}$$



## Changing improper fractions to mixed numbers

Change this improper fraction to a mixed number.

(Remember you may need to cancel.)

$$\frac{27}{12} = 2 \frac{\cancel{3}^1}{\cancel{12}^4} = 2 \frac{1}{4}$$

Change these mixed numbers to improper fractions.

$$2 \frac{3}{4} = \frac{11}{4}$$

$$4 \frac{1}{2} = \frac{9}{2}$$

Change these improper fractions to mixed numbers.

$$\frac{25}{3} = 8 \frac{1}{3}$$

$$\frac{15}{12} = 1 \frac{1}{4}$$

$$\frac{40}{7} = 5 \frac{5}{7}$$

$$\frac{17}{6} = 2 \frac{5}{6}$$

$$\frac{11}{9} = 1 \frac{2}{9}$$

$$\frac{12}{5} = 2 \frac{2}{5}$$

$$\frac{27}{5} = 5 \frac{2}{5}$$

$$\frac{26}{3} = 8 \frac{2}{3}$$

$$\frac{32}{5} = 6 \frac{2}{5}$$

$$\frac{9}{2} = 4 \frac{1}{2}$$

$$\frac{19}{2} = 9 \frac{1}{2}$$

$$\frac{15}{4} = 3 \frac{3}{4}$$

$$\frac{30}{4} = 7 \frac{1}{2}$$

$$\frac{26}{8} = 3 \frac{1}{4}$$

$$\frac{42}{9} = 4 \frac{2}{3}$$

Change these mixed numbers to improper fractions.

$$4 \frac{3}{4} = \frac{19}{4}$$

$$9 \frac{1}{2} = \frac{19}{2}$$

$$12 \frac{1}{4} = \frac{49}{4}$$

$$3 \frac{2}{3} = \frac{11}{3}$$

$$6 \frac{3}{4} = \frac{27}{4}$$

$$3 \frac{9}{10} = \frac{39}{10}$$

$$5 \frac{1}{8} = \frac{41}{8}$$

$$3 \frac{2}{5} = \frac{17}{5}$$

$$2 \frac{5}{6} = \frac{17}{6}$$

$$5 \frac{1}{4} = \frac{21}{4}$$

$$3 \frac{3}{8} = \frac{27}{8}$$

$$2 \frac{11}{12} = \frac{35}{12}$$

$$2 \frac{7}{10} = \frac{27}{10}$$

$$4 \frac{3}{10} = \frac{43}{10}$$

$$4 \frac{1}{8} = \frac{33}{8}$$

$$7 \frac{3}{4} = \frac{31}{4}$$

$$8 \frac{1}{2} = \frac{17}{2}$$

$$1 \frac{5}{12} = \frac{17}{12}$$

In the first part, children should see that you can divide the denominator by the numerator and place the remainder over the denominator. Use card circles cut into equal parts to reinforce the idea, e.g. how many whole circles can you make from 17 quarter circles?