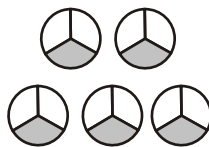


Improper Fractions To Mixed Numbers

An improper fraction is when the numerator is larger than the denominator. An improper fraction is always greater than one whole.

Example:

$$\frac{5}{3}$$



To change an improper fraction into a mixed number, divide the numerator

Each shaded piece represents one-third. If you add all five pieces, the result would be five-thirds. In simplest form, five-thirds is one whole and two-thirds.



One Whole



Two-Thirds

$$\frac{5}{3} = 3 \overline{)5} = 3 \overline{)5} = 1 \frac{2}{3}$$

These two numbers will be your fraction.

Directions: Change each of the following into a mixed number. Express each answer in lowest terms.

1) $\frac{10}{8}$ $1 \frac{1}{4}$

2) $\frac{14}{3}$ $4 \frac{2}{3}$

3) $\frac{24}{9}$ $2 \frac{2}{3}$

4) $\frac{34}{7}$ $4 \frac{6}{7}$

5) $\frac{16}{10}$ $1 \frac{3}{5}$

6) $\frac{22}{8}$ $2 \frac{3}{4}$

7) $\frac{19}{5}$ $3 \frac{4}{5}$

8) $\frac{40}{15}$ $2 \frac{2}{3}$

9) $\frac{6}{5}$ $1 \frac{1}{5}$

10) $\frac{25}{5}$ 5

11) $\frac{70}{8}$ $8 \frac{3}{4}$

12) $\frac{50}{8}$ $6 \frac{1}{4}$

13) $\frac{30}{8}$ $3 \frac{3}{4}$

14) $\frac{39}{6}$ $6 \frac{1}{2}$

15) $\frac{51}{12}$ $4 \frac{1}{4}$

16) $\frac{30}{9}$ $3 \frac{1}{3}$

17) $\frac{13}{2}$ $6 \frac{1}{2}$

18) $\frac{56}{7}$ 8

19) $\frac{39}{4}$ $9 \frac{3}{4}$

20) $\frac{18}{8}$ $2 \frac{1}{4}$

21) $\frac{105}{25}$ $4 \frac{1}{5}$

22) $\frac{34}{10}$ $3 \frac{2}{5}$

23) $\frac{14}{3}$ $4 \frac{2}{3}$

24) $\frac{21}{4}$ $5 \frac{1}{4}$