

## Working With Improper Fractions 2

Look at the fraction below:

$\frac{5}{4}$  The fraction does not look right to us because the **numerator** is larger than the **denominator**. When this occurs we call it an **improper fraction**. We have to change the fraction into a **mixed number**.

$\frac{5}{4}$  **Divide** the **numerator** by the denominator =  $5 \div 4 = 1$  remainder 1. This means we can make 1 **whole number** with  $\frac{1}{4}$  remaining. Our mixed number would be  $1\frac{1}{4}$

Now try to complete the table below using the same method.

| <i>Improper Fraction</i> | <i>Calculation</i>         | <i>Mixed Number</i> |
|--------------------------|----------------------------|---------------------|
| $\frac{5}{4}$            | $5 \div 4 = 1$ remainder 1 | $1\frac{1}{4}$      |
| $\frac{14}{4}$           |                            |                     |
| $\frac{42}{7}$           |                            |                     |
| $\frac{50}{8}$           |                            |                     |
| $\frac{27}{5}$           |                            |                     |
| $\frac{40}{6}$           |                            |                     |
| $\frac{18}{2}$           |                            |                     |
| $\frac{28}{10}$          |                            |                     |
| $\frac{34}{3}$           |                            |                     |
| $\frac{48}{9}$           |                            |                     |

## Improper Fractions 2 - ANSWERS

| <i>Improper Fraction</i> | <i>Calculation</i>         | <i>Mixed Number</i>              |
|--------------------------|----------------------------|----------------------------------|
| $\frac{5}{4}$            | $5 \div 4 = 1$ remainder 1 | $1 \frac{1}{4}$                  |
| $\frac{14}{4}$           | $14 \div 4 = 3$ r 2        | $3 \frac{2}{4} = 3 \frac{1}{2}$  |
| $\frac{42}{7}$           | $42 \div 7 = 6$            | 6                                |
| $\frac{50}{8}$           | $50 \div 8 = 6$ r 2        | $6 \frac{2}{8} = 6 \frac{1}{4}$  |
| $\frac{27}{5}$           | $27 \div 5 = 5$ r 2        | $5 \frac{2}{5}$                  |
| $\frac{40}{6}$           | $40 \div 6 = 6$ r 4        | $6 \frac{4}{6} = 6 \frac{2}{3}$  |
| $\frac{18}{2}$           | $18 \div 2 = 9$            | 9                                |
| $\frac{28}{10}$          | $28 \div 10 = 2$ r 8       | $2 \frac{8}{10} = 2 \frac{4}{5}$ |
| $\frac{34}{3}$           | $34 \div 3 = 11$ r 1       | $11 \frac{1}{3}$                 |
| $\frac{48}{9}$           | $48 \div 9 = 5$ r 3        | $5 \frac{3}{9} = 5 \frac{1}{3}$  |