YEAR 7 · FRACTIONS

# Converting Between Mixed Numbers and Improper Fractions

**Name** _____ **Date** _____

Complete both sections. Write each answer in the space after the equals sign, and show your working on the line below.

## A Mixed number → improper fraction

Convert each mixed number to an improper fraction.

1. $2\frac{1}{3} = \frac{\quad}{\quad}$
2. $4\frac{2}{5} = \frac{\quad}{\quad}$
3. $3\frac{3}{4} = \frac{\quad}{\quad}$
4. $5\frac{1}{6} = \frac{\quad}{\quad}$
5. $1\frac{5}{8} = \frac{\quad}{\quad}$
6. $6\frac{2}{7} = \frac{\quad}{\quad}$
7. $2\frac{4}{9} = \frac{\quad}{\quad}$
8. $7\frac{3}{10} = \frac{\quad}{\quad}$

## B Improper fraction → mixed number

Convert each improper fraction to a mixed number. Simplify the fractional part where possible.

1. $\frac{9}{4} = __\ \frac{\quad}{\quad}$
2. $\frac{17}{5} = __\ \frac{\quad}{\quad}$
3. $\frac{23}{6} = __\ \frac{\quad}{\quad}$
4. $\frac{29}{8} = __\ \frac{\quad}{\quad}$
5. $\frac{31}{7} = __\ \frac{\quad}{\quad}$
6. $\frac{38}{9} = __\ \frac{\quad}{\quad}$
7. $\frac{43}{10} = __\ \frac{\quad}{\quad}$
8. $\frac{47}{12} = __\ \frac{\quad}{\quad}$

### Check your work

Choose one question from A and one from B. Use the reverse conversion to check each result.

A question number _____ B question number _____