YEAR 5 · MATHS · FRACTIONS

Improper Fractions and Mixed Numbers

Practise changing between two ways of writing the same amount.

Name _____ **Date** _____

Have a go: Show each conversion clearly. Use the space at the end to draw and explain your thinking.

A Improper fractions → mixed numbers

Write the whole number and fraction left over.

1. $\frac{13}{4}$ = _____
2. $\frac{17}{6}$ = _____
3. $\frac{22}{5}$ = _____
4. $\frac{19}{3}$ = _____
5. $\frac{29}{8}$ = _____

B Mixed numbers → improper fractions

Write each as one fraction.

1. $2\frac{3}{5}$ = _____
2. $4\frac{2}{7}$ = _____
3. $3\frac{5}{6}$ = _____
4. $1\frac{7}{9}$ = _____
5. $5\frac{3}{4}$ = _____

C Show the connection

Sketch a bar model for $\frac{9}{4}$. Divide each bar into equal parts, then show how many whole bars and parts remain.

Complete: $\frac{9}{4}$ = _____

Use your model to explain what the denominator and the leftover parts show.

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