Mixed numbers

6 questions | 8 marks

Equivalent correct methods earn the corresponding marks.

1. Write $\frac{5}{2}$ as a mixed number. [1 mark]

Group four halves into two wholes; one half remains.

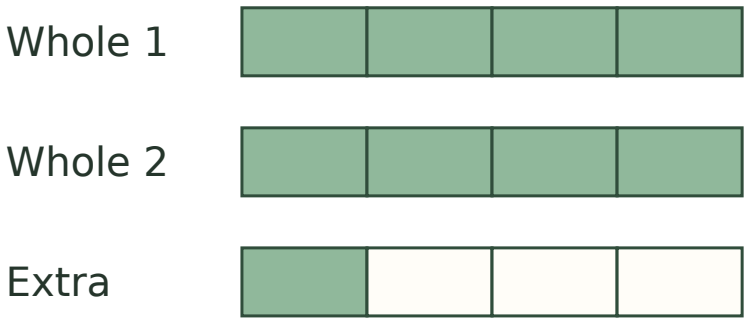
Answer: $2\frac{1}{2}$

2. Write $1\frac{3}{4}$ as quarters. [1 mark]

One whole is four quarters; four plus three is seven.

Answer: $\frac{7}{4}$

3. The strips show quarters. Write the total shaded amount as a mixed number. [1 mark]



Two full strips and one quarter are shaded.

Answer: $2\frac{1}{4}$

4. Write $\frac{17}{5}$ as a mixed number. [1 mark]

Three groups of five fifths use fifteen fifths; two fifths remain.

Answer: $3\frac{2}{5}$

5. Which is larger, $1\frac{1}{3}$ or $1\frac{2}{3}$? Explain. [2 marks]

The whole-number parts match, so compare one third with two thirds.

Answer: $1\frac{2}{3}$

6. A picnic has 3 whole pies and another $\frac{1}{4}$ of an equal-sized pie. How many quarter-pieces is this? [2 marks]

The three wholes contain twelve quarters; twelve plus one is thirteen.

Answer: 13 quarter-pieces.