

# Add Mixed Numbers

1. Add the fractions and record your answer as a mixed number.

$$1\frac{1}{5} + 1\frac{3}{10} = \boxed{\phantom{00}} \frac{\boxed{\phantom{00}}}{\boxed{\phantom{00}}}$$

$$2\frac{5}{8} + 1\frac{1}{4} = \boxed{\phantom{00}} \frac{\boxed{\phantom{00}}}{\boxed{\phantom{00}}}$$

$$2\frac{2}{3} + 2\frac{11}{12} = \boxed{\phantom{00}} \frac{\boxed{\phantom{00}}}{\boxed{\phantom{00}}}$$

$$1\frac{7}{9} + 3\frac{2}{3} = \boxed{\phantom{00}} \frac{\boxed{\phantom{00}}}{\boxed{\phantom{00}}}$$

$$\frac{11}{6} + 2\frac{5}{12} = \boxed{\phantom{00}} \frac{\boxed{\phantom{00}}}{\boxed{\phantom{00}}}$$

$$3\frac{3}{4} + \frac{19}{8} = \boxed{\phantom{00}} \frac{\boxed{\phantom{00}}}{\boxed{\phantom{00}}}$$

2. Hamza and Josh are trying to solve the calculation  $2\frac{2}{10} + \frac{12}{5}$ .

Hamza says the answer is  $2\frac{14}{15}$ .

Josh says the answer is  $4\frac{6}{10}$ .

Who has made a mistake? Explain your thinking.



3. Jack and Sienna have 4l of juice. Jack needs  $2\frac{3}{7}$ l for his table and Sienna needs  $1\frac{9}{14}$ l for hers. Do they have enough juice? Prove it!

4. Each fraction part of these mixed numbers has a different denominator. One denominator is a multiple of the other.

Find two possible solutions.

$$\boxed{\phantom{00}} \frac{\boxed{\phantom{00}}}{\boxed{\phantom{00}}} + \boxed{\phantom{00}} \frac{\boxed{\phantom{00}}}{\boxed{\phantom{00}}} = \boxed{3}$$

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