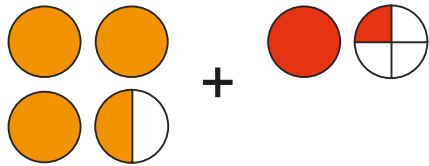


1 Complete the calculations.

$$\frac{2}{5} + \frac{1}{5} \quad 1\frac{2}{5} + \frac{1}{5} \quad 1\frac{2}{5} + 1\frac{1}{5} \quad 2\frac{2}{5} + 1\frac{1}{5}$$

Talk to your partner about the methods you used.

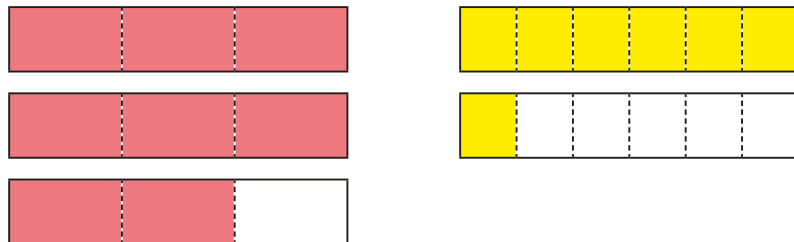
2 Complete the calculation that is represented.



Show the method that you used.

3 Work out the addition.

$$2\frac{2}{3} + 1\frac{1}{6}$$



Show your method.

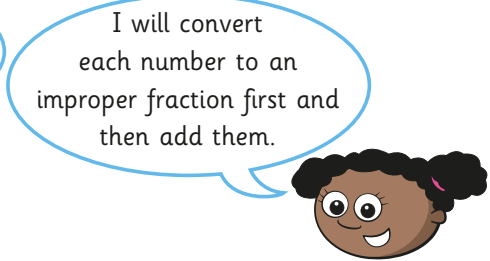


4 Amir and Whitney are working out an addition.

$$1\frac{3}{4} + 3\frac{2}{5}$$



I will add the wholes and then the parts.



I will convert each number to an improper fraction first and then add them.

Complete Amir's and Whitney's methods.

Amir's method	Whitney's method
$1 + 3 = 4$ wholes $\frac{3}{4} + \frac{2}{5} = \square + \square$	$1\frac{3}{4} = \frac{7}{4}$ and $3\frac{2}{5} = \square$

5 Solve the calculations.

a) $2\frac{3}{5} + 1\frac{3}{10}$ b) $4\frac{7}{15} + 2\frac{1}{3}$ c) $3\frac{5}{9} + 1\frac{1}{4}$ d) $7\frac{5}{8} + 1\frac{2}{3}$

6 Esther cycles $2\frac{7}{10}$ km and then takes a rest.

Later, Esther cycles $3\frac{1}{4}$ km.

How far does Esther cycle in total?

- 4 Amir and Whitney are working out an addition.

$$1\frac{3}{4} + 3\frac{2}{5}$$



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- 6 Esther cycles $2\frac{7}{10}$ km and then takes a rest. Later, Esther cycles $3\frac{1}{4}$ km. How far does Esther cycle in total?

- 7 Use the given fact to help you complete the calculations.

$$\frac{2}{3} + \frac{1}{5} = \frac{13}{15}$$

a) $12\frac{2}{3} + 11\frac{1}{5}$ b) $270\frac{2}{3} + 125\frac{1}{5}$

- 8 Three buckets are partly filled with water. Each bucket can hold 10 litres in total.



$3\frac{1}{2}$ litres



$2\frac{3}{4}$ litres



$3\frac{4}{5}$ litres

Is it possible for all the water to fit into one bucket? Show all your working.

- 9 Use the digits 1 to 6 once each to complete the addition.

$$8\frac{3}{20} = \square + \square$$

