

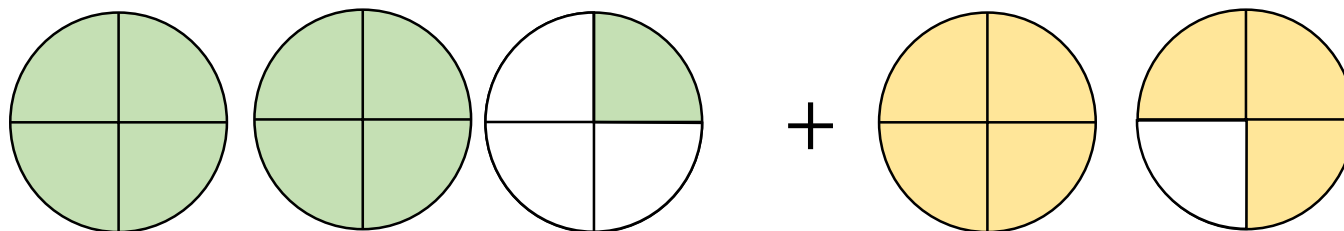
ADD FRACTIONS



GET READY



1) Complete the calculation that is represented:

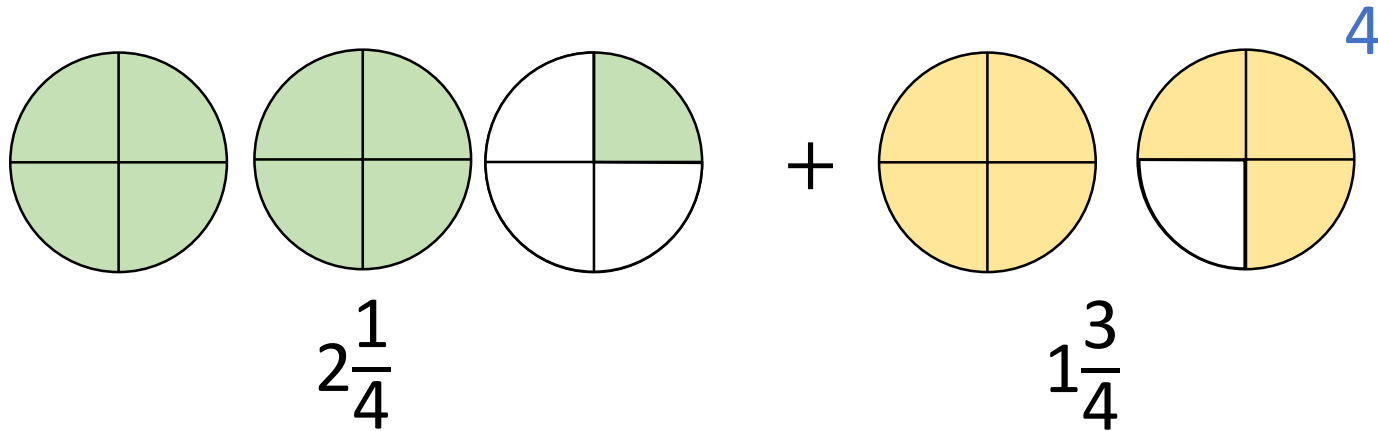


$$2) \frac{5}{9} + \frac{2}{3} =$$

3) Write your answer in its simplest form:

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

1) Complete the calculation that is represented:



$$2) \quad \frac{5}{9} + \frac{2}{3} = \frac{5}{9} + \frac{6}{9} = \frac{11}{9} \text{ or } 1\frac{2}{9}$$

3) Write your answer in its simplest form:

$$1\frac{1}{2} + 6\frac{1}{6} \quad 1 + 6 = 7 \quad \frac{3}{6} + \frac{1}{6} = \frac{4}{6} \quad 7\frac{4}{6} \quad 7\frac{2}{3}$$

LET'S LEARN



Complete the calculations:

Have a think



$$\frac{2}{3} + \frac{3}{4} =$$

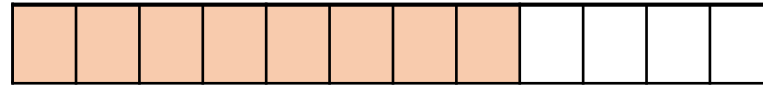
$$2\frac{4}{5} + 1\frac{1}{15} =$$

$$1\frac{8}{9} + 2\frac{1}{6} =$$

Complete the calculations:

$$\frac{2}{3} + \frac{3}{4} = 1\frac{5}{12}$$

Divide each
part into 4



Divide each
part into 3

$$\frac{2}{3} + \frac{3}{4} = \frac{8}{12} + \frac{9}{12} = \frac{17}{12}$$

Complete the calculations:

$$2\frac{4}{5} + 1\frac{1}{15} = 3\frac{13}{15}$$

$$2 + 1 = 3$$

$$\times 3 \quad \left(\frac{4}{5} + \frac{1}{15} \right)$$
$$\frac{12}{15}$$

$$\frac{12}{15} + \frac{1}{15} = \frac{13}{15}$$

Complete the calculations:

$$1\frac{8}{9} + 2\frac{1}{6} = 3\frac{19}{18}$$

$$1 + 2 = 3$$

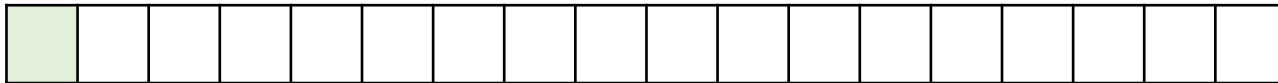
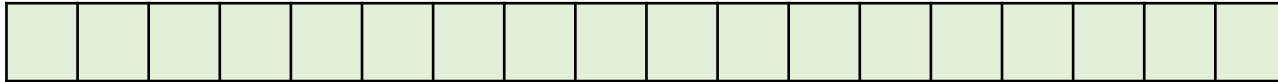
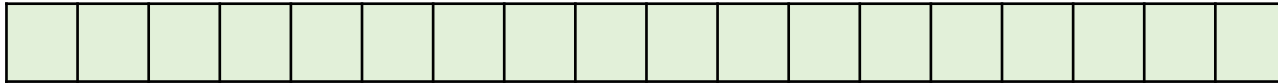
$$\begin{array}{c} \times 2 \left(\frac{8}{9} + \frac{1}{6} \right) \times 3 \\ \frac{16}{18} \quad \frac{3}{18} \end{array}$$

Multiples of 9: 9, 18, 27, 36, 45

Multiples of 6: 6, 12, 18, 24, 30

Complete the calculations:

$$1\frac{8}{9} + 2\frac{1}{6} = 3\frac{19}{18}$$



YOUR TURN

Have a go at the questions
on the worksheet



- 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

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

Is it possible for all the water to fit into one bucket? _____

Show all your working.

$$3 + 2 + 3 = 8$$

$$8 + 2\frac{1}{20} = 10\frac{1}{20}$$

Multiples of 4: 4, 8, 12, 16, 20

Multiples of 5: 5, 10, 15, 20, 25

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

$$\frac{10}{20} + \frac{15}{20} + \frac{16}{20}$$

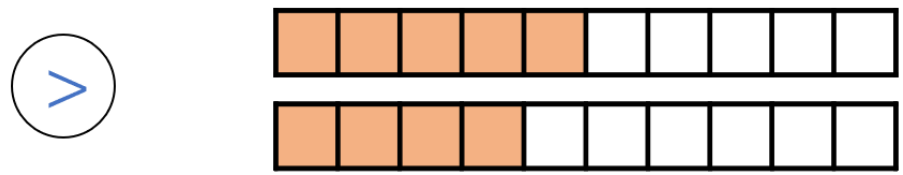
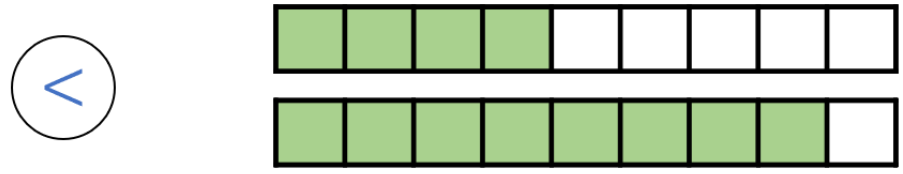
$$\frac{41}{20}$$

$$2\frac{1}{20}$$

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



Write $>$, $<$ or $=$ to compare the fractions



When the denominators are the same, the greater the numerator, the greater the fraction.

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

an 2

$$2$$

1
5

3

$$1\frac{1}{2}$$

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

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

1

2

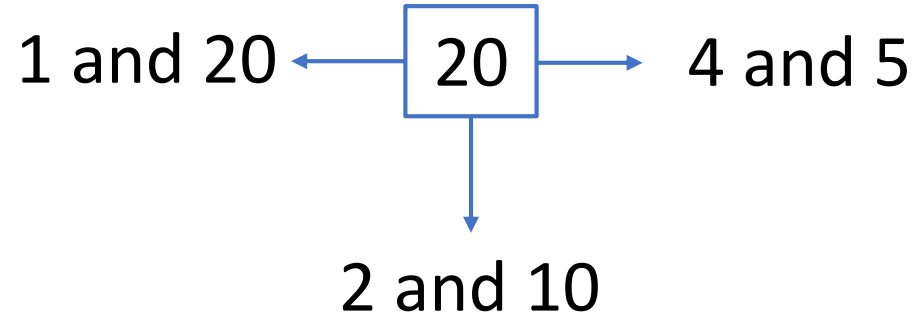
3

4

5

6

$$8\frac{3}{20}$$



1, 2, 4, 5

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

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

1

2

3

4

5

6

$$8\frac{3}{20}$$

$$\underline{\hspace{2cm}} + \underline{\hspace{2cm}}$$

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

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

1

2

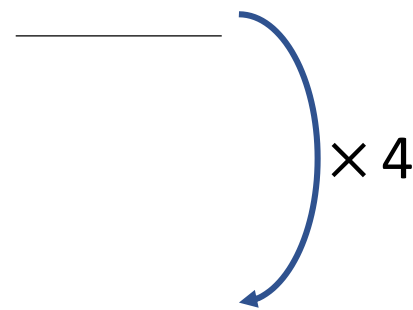
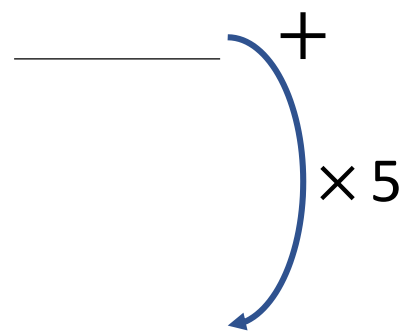
3

4

5

6

$$8\frac{3}{20}$$



$$6 + 1 = 7$$

$$\frac{15}{20}$$

+

$$\frac{8}{20}$$

$$= \frac{23}{20}$$

$$= 1\frac{3}{20}$$