

L.O. Add fractions to give a mixed number. Square Hexagon Remember to:	What I think	What my teacher thinks
Use a bar model to compare fractions.	☐	☐
Find a common denominator.	☐	☐
Add the numerators.	☐	☐
★ Record answers as mixed numbers.	☐	☐
Do me first: $72 \div 9 =$ $63 \div 7 =$		

Complete the calculations.

Use the bar models to help you.

a)

$\frac{1}{2} + \frac{7}{10} = \square = \square$

b)

$\frac{1}{2} + \frac{3}{10} + \frac{1}{5} = \square = \square$

c)

$\frac{2}{3} + \frac{5}{6} + \frac{1}{12} = \square = \square$

Complete the additions.

a) $\frac{4}{5} + \frac{7}{20} = \square = \square$	d) $\frac{4}{3} + \frac{5}{12} = \square = \square$
b) $\frac{5}{4} + \frac{7}{20} = \square = \square$	e) $\frac{3}{5} + \frac{11}{15} = \square = \square$
c) $\frac{3}{4} + \frac{5}{12} = \square = \square$	f) $\frac{5}{3} + \frac{11}{15} = \square = \square$

Match the additions that have the same answer.

$\frac{3}{5} + \frac{9}{20}$	$\frac{16}{20} + \frac{9}{20}$
$\frac{3}{4} + \frac{9}{20}$	$\frac{12}{20} + \frac{9}{20}$
$\frac{4}{5} + \frac{9}{20}$	$\frac{14}{20} + \frac{9}{20}$
$\frac{7}{10} + \frac{9}{20}$	$\frac{15}{20} + \frac{9}{20}$

L.O. Add fractions to give a mixed number. Pentagon Quadrilateral Remember to:	What I think	What my teacher thinks
Use a bar model to compare fractions.	☐	☐
Find a common denominator.	☐	☐
Add the numerators.	☐	☐
★ Record answers as mixed numbers.	☐	☐
Do me first: $720 \div 9 =$ $630 \div 7 =$		

Complete the calculations.

Use the bar models to help you.

a)

$\frac{1}{2} + \frac{7}{10} = \square = \square$

b)

$\frac{1}{2} + \frac{3}{10} + \frac{1}{5} = \square = \square$

c)

$\frac{2}{3} + \frac{5}{6} + \frac{1}{12} = \square = \square$

Complete the additions.

a) $\frac{4}{5} + \frac{7}{20} = \square = \square$ d) $\frac{4}{3} + \frac{5}{12} = \square = \square$

b) $\frac{5}{4} + \frac{7}{20} = \square = \square$ e) $\frac{3}{5} + \frac{11}{15} = \square = \square$

c) $\frac{3}{4} + \frac{5}{12} = \square = \square$ f) $\frac{5}{3} + \frac{11}{15} = \square = \square$

Match the additions that have the same answer.

$\frac{3}{5} + \frac{9}{20}$	$\frac{16}{20} + \frac{9}{20}$
$\frac{3}{4} + \frac{9}{20}$	$\frac{12}{20} + \frac{9}{20}$
$\frac{4}{5} + \frac{9}{20}$	$\frac{14}{20} + \frac{9}{20}$
$\frac{7}{10} + \frac{9}{20}$	$\frac{15}{20} + \frac{9}{20}$

True or false? Prove it!

a) $\frac{5}{8} + \frac{1}{4} + \frac{5}{16} = 1\frac{3}{16}$

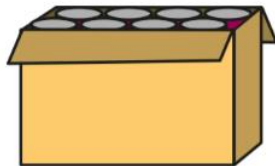
b) $\frac{1}{2} + \frac{3}{7} + \frac{4}{14} = \frac{7}{23}$

c) $\frac{1}{3} + \frac{2}{5} + \frac{7}{15} = 1\frac{18}{15}$

d) $\frac{2}{6} + \frac{5}{12} + \frac{2}{3} = 1\frac{5}{12}$

Dexter has some tins of food. There are four types of food: beans, sweetcorn, soup and tomatoes.

- The total weight of all the tins is 2 kg.
- The tins of beans weigh $\frac{2}{3}$ kg.
- The tins of sweetcorn weigh $\frac{5}{12}$ kg.
- The tins of soup weigh $\frac{1}{4}$ kg.



a) Work out the total weight of the tins of beans, sweetcorn and soup.

Using each fraction card only once, place all 6 fractions correctly to complete these 2 calculations.

$\frac{2}{3}$

$\frac{1}{3}$

$\frac{4}{6}$

$\frac{4}{12}$

$\frac{1}{2}$

$\frac{3}{4}$

+ + = $1\frac{5}{6}$

+ + = $1\frac{5}{12}$

L.O. Add fractions to give a mixed number.	Triangle	What I think	What my teacher thinks
Remember to:			
Use a bar model to compare fractions.		☐	☐
Find a common denominator.		☐	☐
Add the numerators.		☐	☐
★ Record answers as mixed numbers.		☐	☐
Do me first: $720 \div 60 =$ $630 \div 14 =$			

Complete the calculations.

Use the bar models to help you.

a)

$\frac{1}{2} + \frac{7}{10} = \square = \square$

b)

$\frac{1}{2} + \frac{3}{10} + \frac{1}{5} = \square = \square$

c)

$\frac{2}{3} + \frac{5}{6} + \frac{1}{12} = \square = \square$

Complete the additions.

a) $\frac{4}{5} + \frac{7}{20} = \square = \square$

b) $\frac{5}{4} + \frac{7}{20} = \square = \square$

c) $\frac{3}{4} + \frac{5}{12} = \square = \square$

d) $\frac{4}{3} + \frac{5}{12} = \square = \square$

e) $\frac{3}{5} + \frac{11}{15} = \square = \square$

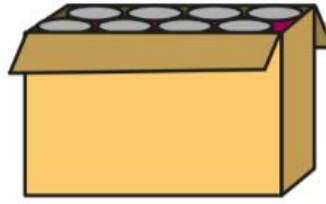
f) $\frac{5}{3} + \frac{11}{15} = \square = \square$

Match the additions that have the same answer.

$\frac{3}{5} + \frac{9}{20}$	$\frac{16}{20} + \frac{9}{20}$
$\frac{3}{4} + \frac{9}{20}$	$\frac{12}{20} + \frac{9}{20}$
$\frac{4}{5} + \frac{9}{20}$	$\frac{14}{20} + \frac{9}{20}$
$\frac{7}{10} + \frac{9}{20}$	$\frac{15}{20} + \frac{9}{20}$

Dexter has some tins of food. There are four types of food: beans, sweetcorn, soup and tomatoes.

- The total weight of all the tins is 2 kg.
- The tins of beans weigh $\frac{2}{3}$ kg.
- The tins of sweetcorn weigh $\frac{5}{12}$ kg.
- The tins of soup weigh $\frac{1}{4}$ kg.



- a) Work out the total weight of the tins of beans, sweetcorn and soup.
- b) How much do the tins of tomatoes weigh?

Using each fraction card only once, place all 6 fractions correctly to complete these 2 calculations.

$$\frac{2}{3}$$

$$\frac{1}{3}$$

$$\frac{4}{6}$$

$$\frac{4}{12}$$

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

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

$$\square + \square + \square = 1\frac{5}{6}$$

$$\square + \square + \square = 1\frac{5}{12}$$

Jessie adds 3 fractions together.

Each of the 3 fractions has a different denominator.

The total of the 3 fractions is greater than 1 but less than 2.

The denominators are all factors of 8.

Each of the 3 fractions is less than 1.



What could the calculation be? Find all possibilities.