

We are at the end of our fraction journey for this year. I think you have all done brilliantly tackling this at home. Today you will be reflecting on what you have learnt and consolidating your learning with practise.

THE REVIEW IS QUITE LONG. YOU DON'T HAVE TO DO IT ALL AT ONCE.

Maths Journal

Add or subtract.

(a) $\frac{2}{7} + \frac{3}{7} =$

(b) $\frac{1}{5} + \frac{2}{5} =$

(c) $\frac{6}{9} - \frac{2}{9} =$

(d) $\frac{7}{8} - \frac{1}{8} =$

How do the numerators and the denominators change when you add or subtract?

Draw diagrams to help you.



I know how to...

- count in tenths.
- make number pairs that form one whole.
- add and subtract two fractions.
- find and list equivalent fractions.
- write a fraction in its simplest form.
- compare fractions.
- find part of a set and fraction of a number.
- share a number equally.
- write fractions on the number line.
- write fractions that are greater than 1.
- solve word problems involving fractions.

Self Check

Fill in the checklist. You may have some areas you cannot do yet and that is okay. We will revisit fractions in Year 4.

2 Sam and Ruby went to the shop. There were 56 oranges in the trolley.

Sam bought $\frac{1}{8}$ of the oranges while Ruby bought $\frac{1}{7}$ of the oranges.

How many oranges did they buy altogether?

Mind Workout

Date: _____

Ruby is thinking of a fraction.

It is greater than $\frac{1}{8}$ but smaller than $\frac{1}{4}$.

The difference between the numerator and denominator is 19.
What fraction is Ruby thinking of?

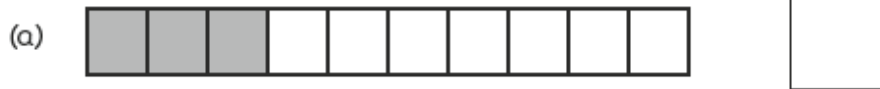
Draw a number line to help you.



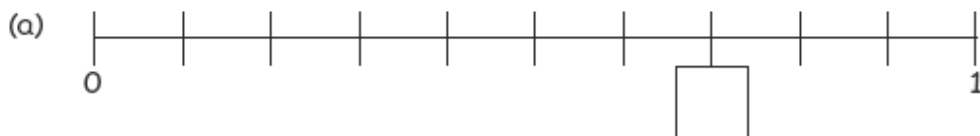
Name: _____ Class: _____ Date: _____

Review 11

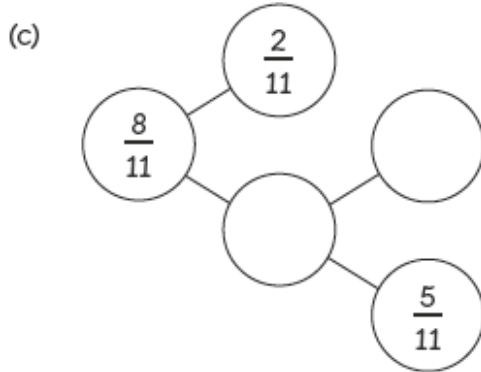
- 1 What fraction of the following is shaded?
Write the fractions in the boxes.



- 2 Fill in the blanks.



(b) $\frac{1}{10}$, $\frac{3}{10}$, , $\frac{7}{10}$,



3 Add the following.

(a) $\frac{1}{9} + \frac{4}{9} = \square$

(b) $\frac{3}{7} + \frac{1}{7} = \square$

(c) $\frac{1}{10} + \frac{1}{10} + \frac{5}{10} = \square$

(d) $\frac{2}{11} + \frac{2}{11} + \frac{2}{11} = \square$

4 Add and write your answers in the simplest form.

(a) $\frac{3}{8} + \frac{1}{8} = \square$

(b) $\frac{1}{12} + \frac{1}{12} = \square$

(c) $\frac{1}{4} + \frac{1}{4} = \square$

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

5 Subtract the following.

(a) $\frac{4}{5} - \frac{3}{5} = \square$

(b) $\frac{7}{9} - \frac{2}{9} = \square$

(c) $\frac{9}{10} - \frac{6}{10} = \square$

(d) $\frac{11}{12} - \frac{5}{12} = \square$

6 Subtract and write your answers in the simplest form.

(a) $\frac{9}{10} - \frac{1}{10} = \square$

(b) $\frac{5}{12} - \frac{1}{12} = \square$

(c) $1 - \frac{9}{12} = \square$

(d) $1 - \frac{6}{10} = \square$

7 Fill in the blanks using = , > or <.

(a) $\frac{1}{2}$ $\frac{5}{10}$

(b) $\frac{1}{8}$ $\frac{1}{11}$

(c) $\frac{2}{7}$ $\frac{2}{3}$

(d) $\frac{4}{5}$ $\frac{4}{9}$

8 Calculate and fill in the blanks.

(a) $\frac{1}{2}$ of 14 =

(b) $\frac{1}{9}$ of 72 =

(c) $2 \div 3 =$

(d) $5 \div 11 =$

- 9 Amira bought 32 muffins. She gave $\frac{3}{4}$ of them to her neighbours.

How many muffins did Amira give away?



of

Amira gave muffins away.

- 10 Sam had $\frac{1}{2}$ as many bookmarks as Lulu had.

Lulu had 50 bookmarks.

How many bookmarks did they have altogether?

Sam → of

Total →

They had bookmarks altogether.

Maths Journal



Add or subtract.

(a) $\frac{2}{7} + \frac{3}{7} = \frac{5}{7}$

(b) $\frac{1}{5} + \frac{2}{5} = \frac{3}{5}$

(c) $\frac{6}{9} - \frac{2}{9} = \frac{4}{9}$

(d) $\frac{7}{8} - \frac{1}{8} = \frac{6}{8}$

Draw diagrams to help you.



How do the numerators and the denominators change when you add or subtract?

I know how to...

- count in tenths.
- make number pairs that form one whole.
- add and subtract two fractions.
- find and list equivalent fractions.
- write a fraction in its simplest form.
- compare fractions.
- find part of a set and fraction of a number.
- share a number equally.
- write fractions on the number line.
- write fractions that are greater than 1.
- solve word problems involving fractions.

Self Check

- 2 Sam and Ruby went to the shop. There were 56 oranges in the trolley.

Sam bought $\frac{1}{8}$ of the oranges while Ruby bought $\frac{1}{7}$ of the oranges.

How many oranges did they buy altogether?

$$1/8 \text{ of } 56 = 56 \div 8 = 7$$

$$1/7 \text{ of } 56 = 56 \div 7 = 8$$

$$7 + 8 = 15$$

They bought 15 oranges altogether.

Mind Workout

Date: _____

Ruby is thinking of a fraction.

It is greater than $\frac{1}{8}$ but smaller than $\frac{1}{4}$.

The difference between the numerator and denominator is 19.

What fraction is Ruby thinking of? *She could be thinking of $\frac{4}{23}$, $\frac{5}{24}$ or $\frac{6}{25}$.*

Draw a number line to help you.



Name: _____ Class: _____ Date: _____



Review 11

- 1 What fraction of the following is shaded?
Write the fractions in the boxes.



- 2 Fill in the blanks.



(b) $\frac{1}{10}$, $\frac{3}{10}$, \frac{7}{10},





3 Add the following.

(a) $\frac{1}{9} + \frac{4}{9} = \frac{5}{9}$

(b) $\frac{3}{7} + \frac{1}{7} = \frac{4}{7}$

(c) $\frac{1}{10} + \frac{1}{10} + \frac{5}{10} = \frac{7}{10}$

(d) $\frac{2}{11} + \frac{2}{11} + \frac{2}{11} = \frac{6}{11}$



4 Add and write your answers in the simplest form.

(a) $\frac{3}{8} + \frac{1}{8} = \frac{1}{2}$

(b) $\frac{1}{12} + \frac{1}{12} = \frac{1}{6}$

(c) $\frac{1}{4} + \frac{1}{4} = \frac{1}{2}$

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





5 Subtract the following.

(a) $\frac{4}{5} - \frac{3}{5} = \frac{1}{5}$

(b) $\frac{7}{9} - \frac{2}{9} = \frac{5}{9}$

(c) $\frac{9}{10} - \frac{6}{10} = \frac{3}{10}$

(d) $\frac{11}{12} - \frac{5}{12} = \frac{6}{12}$



6 Subtract and write your answers in the simplest form.



(a) $\frac{9}{10} - \frac{1}{10} = \frac{4}{5}$

(b) $\frac{5}{12} - \frac{1}{12} = \frac{1}{3}$

(c) $1 - \frac{9}{12} = \frac{1}{4}$

(d) $1 - \frac{6}{10} = \frac{2}{5}$



7 Fill in the blanks using =, > or <.

(a) $\frac{1}{2}$ = $\frac{5}{10}$

(b) $\frac{1}{8}$ > $\frac{1}{11}$

(c) $\frac{2}{7}$ < $\frac{2}{3}$

(d) $\frac{4}{5}$ > $\frac{4}{9}$



8 Calculate and fill in the blanks.

(a) $\frac{1}{2}$ of 14 = 7

(b) $\frac{1}{9}$ of 72 = 8

(c) $2 \div 3 = \frac{2}{3}$

(d) $5 \div 11 = \frac{5}{11}$

- 9 Amira bought 32 muffins. She gave $\frac{3}{4}$ of them to her neighbours.

How many muffins did Amira give away?



$$\frac{3}{4} \text{ of } 32 = 24$$

Amira gave muffins away.

- 10 Sam had $\frac{1}{2}$ as many bookmarks as Lulu had.

Lulu had 50 bookmarks.

How many bookmarks did they have altogether?

$$\text{Sam} \rightarrow \frac{1}{2} \text{ of } 50 = 25$$

$$\text{Total} \rightarrow 50 + 25 = 75$$

They had bookmarks altogether.