

Friday

$$3 - \frac{1}{5} =$$

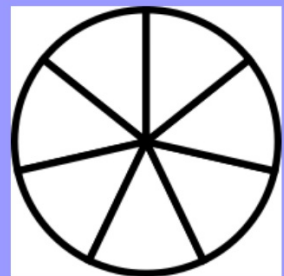
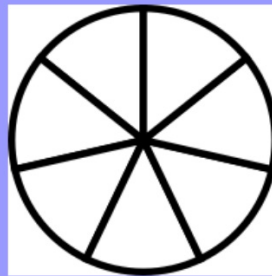
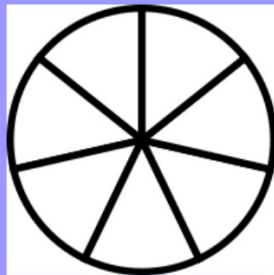
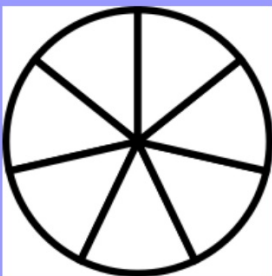
$$2 - \frac{3}{7} =$$

$$5 - \frac{2}{9} =$$

$$3\frac{3}{7} - \frac{5}{7} =$$

We are going to look at 2 different methods to work out the answer to

Method 1 - bar model



Use the bar model method to answer these questions in your

Draw out the fractions for each question. Outline the parts you are taking away in a different

$$1. \quad 3\frac{2}{5} - \frac{4}{5} =$$

$$2. \quad 4\frac{1}{7} - \frac{5}{7} =$$

$$3. \quad 2\frac{3}{4} - \frac{2}{4} =$$

Challen

$$4\frac{1}{6} -$$

Method 2 - improper fractio

$$3\frac{3}{7} - \frac{5}{7} =$$

There are ___ groups of 7ths and ___ extra 7ths.

___ 7ths and ___ extra 7ths

$$2\frac{3}{5} - \frac{4}{5} =$$

There are ____ groups of 5ths and __ extra 5ths.

10. Combine and simplify each answer as much as possible.

a) i. $1\frac{2}{3} + 2\frac{1}{3} =$ ii. $2\frac{3}{4} + 3\frac{1}{4} =$

iii. $3\frac{4}{5} + 4\frac{1}{5} =$ iv. $4\frac{5}{6} + 5\frac{1}{6} =$

b) i. $2\frac{1}{3} + 3\frac{1}{3} =$ ii. $1\frac{1}{4} + 2\frac{1}{2} =$

iii. $2\frac{1}{3} + 1\frac{1}{6} =$ iv. $3 - 1\frac{1}{2} =$

c) i. $1 - \frac{1}{2} =$ ii. $2 - \frac{1}{3} =$

iii. $3 - \frac{1}{4} =$ iv. $4 - \frac{1}{5} =$

d) i. $1 - \frac{1}{4} =$ ii. $2 - \frac{2}{4} =$

iii. $3 - \frac{3}{4} =$ iv. $4 - \frac{4}{5} =$

e) i. $2 - \frac{3}{4} =$ ii. $3 - \frac{4}{5} =$

iii. $4 - \frac{5}{6} =$ iv. $5 - \frac{6}{7} =$

f) i. $\frac{1}{2} + \frac{2}{4} =$ ii. $\frac{1}{2} + \frac{3}{4} =$

iii. $\frac{1}{2} + \frac{4}{4} =$ iv. $\frac{1}{2} + \frac{5}{4} =$

★ g) i. $1\frac{2}{3} + 4\frac{5}{6} =$ ii. $2\frac{3}{4} + 6\frac{7}{8} =$

iii. $4\frac{5}{6} + 7\frac{8}{9} =$

In journals

Answer these questions.

Make sure to write out the question first.

Think about all of the strategies we have used over the past few weeks.

You can use any method that feels comfortable.

You might want to draw out the fractions

Or change fractions in to improper fractions.

Challenge questions

'Fill in the missing numbers.'

$2\frac{1}{7}$	$2\frac{4}{7}$			$3\frac{6}{7}$	
----------------	----------------	--	--	----------------	--

8		$6\frac{2}{4}$		5	$4\frac{1}{4}$
---	--	----------------	--	---	----------------

- 'I walked $10\frac{1}{4}$ km one day and $9\frac{3}{4}$ km the next day. How far did I walk altogether?'

- The table below shows how many hours Josie read each day for a week. How long in total did she spend reading during the week?'

Mon	Tues	Wed	Thurs	Fri
$1\frac{3}{4}$ hours	1 hour	$1\frac{1}{4}$ hours	$1\frac{1}{4}$ hours	$2\frac{3}{4}$ hours

- 'An athlete records how much water she drinks over the course of a day. Before her final training session, she drank $1\frac{2}{5}$ litres of water. She drinks another $\frac{4}{5}$ litre during the final session. How much water does she drink altogether?'
- 'A school day is $6\frac{1}{4}$ hours long. $1\frac{3}{4}$ hours are spent at break. How many hours of learning are there in a school day?'
- 'A tailor has $3\frac{7}{10}$ m of ribbon. She uses $1\frac{9}{10}$ m to complete a dress. How much ribbon is left?'
- 'At the beginning of snack break there are 15 oranges. After break there are $3\frac{2}{6}$ oranges left. How many oranges were eaten?'