

# Maths

# W.b.25<sup>th</sup> January 2021

Year 5 Home Learning  
Wibsey Primary School

# Monday 25<sup>th</sup> January

Complete the questions

Watch the video on Google Classroom. Complete the fraction wall on the next page. Then, use this to answer the questions on equivalent fractions on the next page.



# Monday 25<sup>th</sup> January

## Fluency

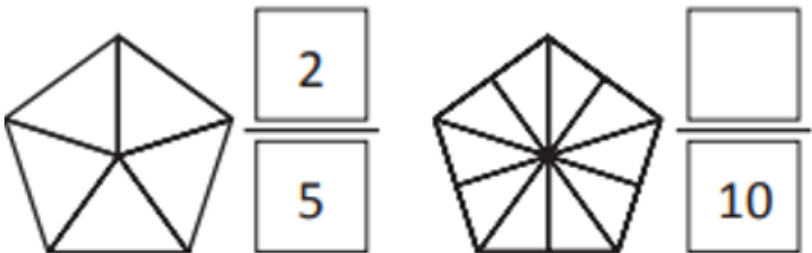
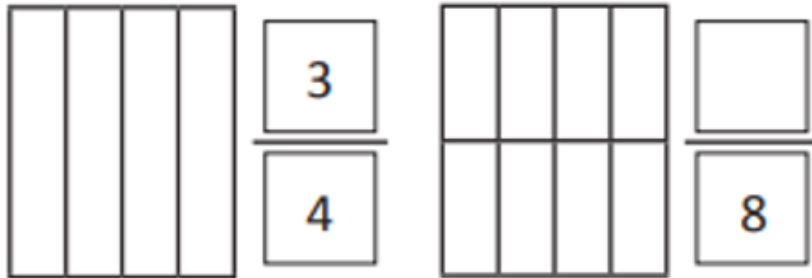
Complete your Fraction wall.

Tell me the equivalent fractions for:

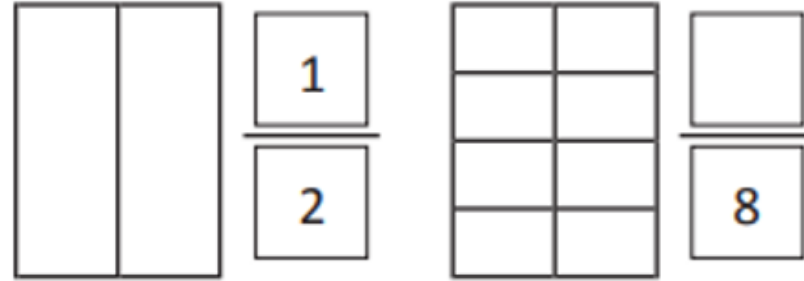
1.  $\frac{1}{2}$
2.  $\frac{1}{3}$
3.  $\frac{2}{8}$
4.  $\frac{3}{6}$

## Fluency

Complete the models below by shading in and writing the equivalent fraction next to each one.

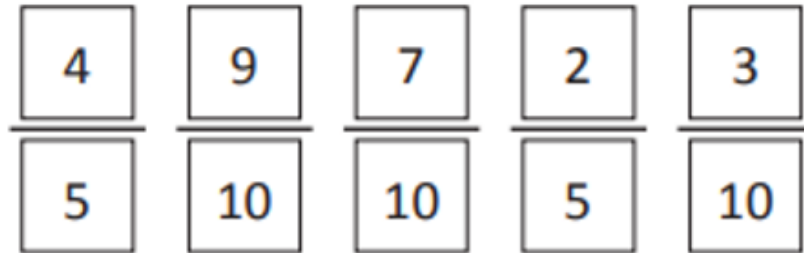


Complete the questions



## Fluency

In your books, rewrite the fractions below in ascending order.



## HOTS

Which is the odd one out in each of these trios?

$\frac{1}{2}$     $\frac{3}{6}$     $\frac{5}{8}$

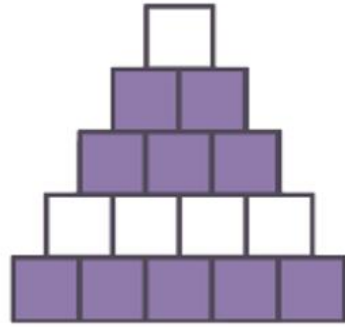
$\frac{3}{9}$     $\frac{2}{6}$     $\frac{4}{9}$

Use a reasoning mat to explain.

# Tuesday 26<sup>th</sup> January

## Task

The shapes below are all equivalent fractions, except one. Circle the odd one out.



## HOTS

Insert the symbol  $>$ ,  $<$  or  $=$  to make each statement correct.

$$\frac{2}{5} \text{ of } 5 \bigcirc \frac{1}{4} \text{ of } 4$$

$$\frac{1}{7} \text{ of } 7 \bigcirc \frac{2}{7} \text{ of } 14$$

$$\frac{2}{3} \text{ of } 9 \bigcirc \frac{1}{3} \text{ of } 18$$

Make up three similar statements using  $>$ ,  $<$  or  $=$ .

Complete the questions

Equivalent fractions of  $\frac{2}{3}$

$$\frac{2}{3} = \frac{\square}{\square}$$

$\times 5$  (top arrow) and  $\times 5$  (bottom arrow)

$$\frac{2}{3} = \frac{\square}{\square}$$

$\times 4$  (top arrow) and  $\times 4$  (bottom arrow)

$$\frac{2}{3} = \frac{\square}{6}$$

$\times \square$  (top arrow) and  $\times \square$  (bottom arrow)

$$\frac{2}{3} = \frac{\square}{9}$$

$\times \square$  (top arrow) and  $\times \square$  (bottom arrow)

$$\frac{2}{3} = \frac{20}{\square}$$

$\times \square$  (top arrow) and  $\times \square$  (bottom arrow)

Equivalent fractions of  $\frac{3}{4}$

$$\frac{3}{4} = \frac{\square}{\square}$$

$\times 3$  (top arrow) and  $\times 3$  (bottom arrow)

$$\frac{3}{4} = \frac{\square}{\square}$$

$\times 5$  (top arrow) and  $\times 5$  (bottom arrow)

$$\frac{3}{4} = \frac{\square}{16}$$

$\times \square$  (top arrow) and  $\times \square$  (bottom arrow)

$$\frac{3}{4} = \frac{\square}{40}$$

$\times \square$  (top arrow) and  $\times \square$  (bottom arrow)

$$\frac{3}{4} = \frac{24}{\square}$$

$\times \square$  (top arrow) and  $\times \square$  (bottom arrow)

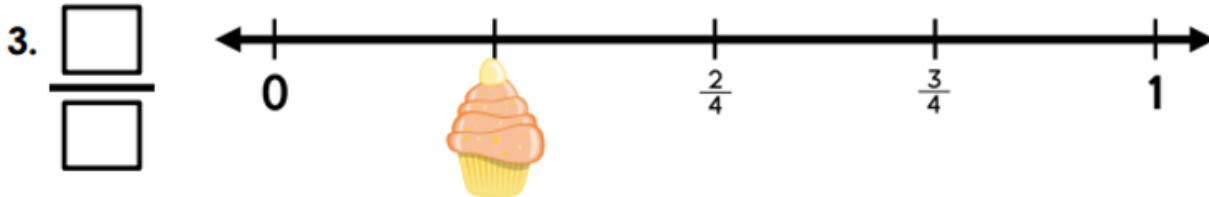
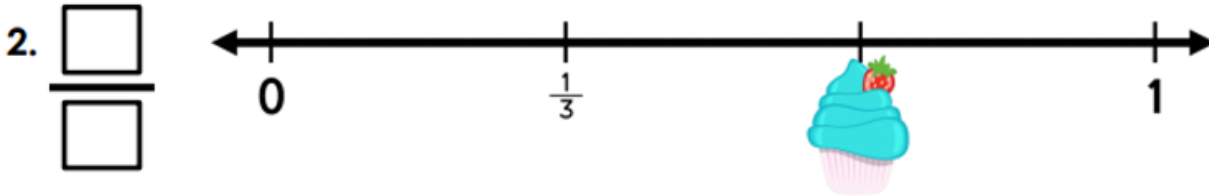
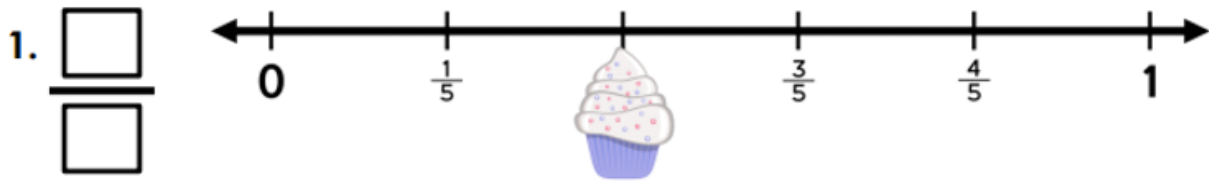
# Wednesday 27th January

Complete the questions

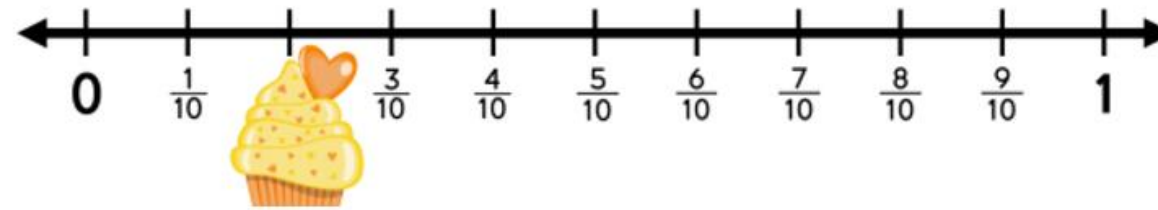
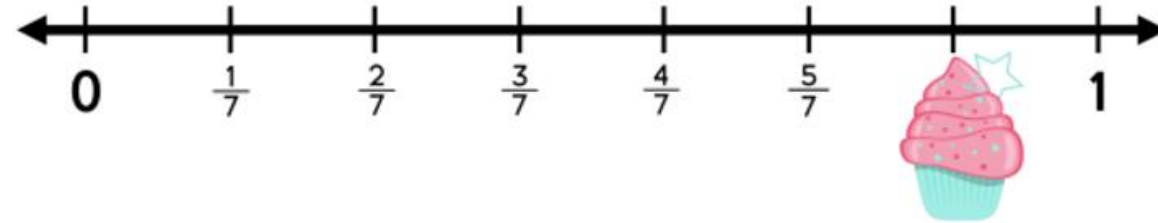
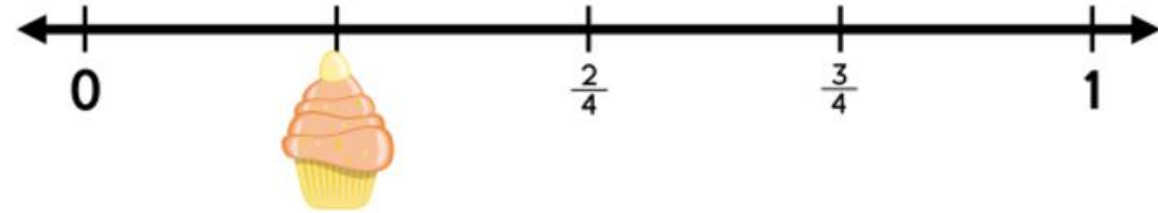
LO I can order fractions on a line

**BLP: Reasoning 3**

Fluency



Fluency





## HOTS

1. David says that  $\frac{2}{3}$  is the same as  $\frac{4}{6}$ . Is he correct? Explain how you know.
2. Molly says that  $\frac{3}{5}$  is the same as  $\frac{2}{3}$ . Is she correct? Explain how

# Thursday 28th January

Complete the questions

LO – I can use equivalence to compare and order fractions.

BLP – Noticing 5

Fluency: Use < or > or = to compare the size of the fractions. Prove it using a diagram.

$$\frac{3}{8} \quad \frac{1}{4}$$

$$\frac{2}{4} \quad \frac{4}{8}$$

$$\frac{2}{8} \quad \frac{1}{4}$$

Fluency: Write the fractions in ascending order.

$$\frac{7}{8}, \frac{1}{2}, \frac{1}{4}, \frac{5}{8}$$

$$\frac{4}{8}, \frac{1}{8}, \frac{3}{4}, \frac{7}{8}$$

Fluency: In your books, rewrite the fractions below in ascending order.

$\frac{4}{5}$	$\frac{9}{10}$	$\frac{7}{10}$	$\frac{2}{5}$	$\frac{3}{10}$
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Fluency

Match the fraction to the correct model and then put them in ascending order.

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



2.  $\frac{5}{6}$



3.  $\frac{5}{12}$



Use two number cards to complete the equation.

$$\frac{2}{5} < \frac{\square}{\square} < \frac{3}{5}$$



Find two possibilities.

Reasoning

Mr Richards has put these fractions in ascending order.

$$\frac{1}{8}, \frac{3}{4}, \frac{7}{32}, \frac{11}{16}$$

Can you explain his mistake and rewrite the fractions in the correct order?



Friday 29th January

Complete the arithmetic sheet – Week 2. This is available on the website and Google Classroom.

The answers are on the final page – no peeking!