

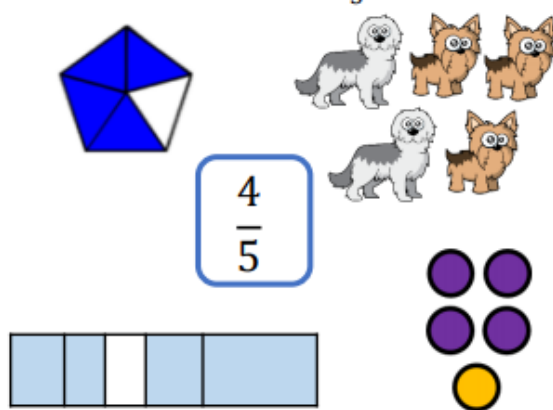
Sort the fractions into the table.

	Fractions equal to one whole	Fractions less than one whole
Unit fractions		
Non-unit fractions		

Are there any boxes in the table empty? Why?

$\frac{3}{4}$	$\frac{3}{5}$	$\frac{1}{3}$	$\frac{1}{4}$	$\frac{2}{2}$	$\frac{4}{4}$	$\frac{2}{5}$	$\frac{1}{2}$
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Which representations of $\frac{4}{5}$ are incorrect?



Explain how you know.

Odd One Out



Which is the odd one out? Explain your answer.

Teddy is counting in tenths.



Seven tenths, eight tenths, nine tenths, ten tenths, one eleventh, two elevenths, three elevenths...

Can you spot his mistake?

True or False?

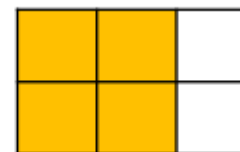
Five tenths is $\frac{2}{10}$ smaller than 7 tenths.

Five tenths is $\frac{2}{10}$ larger than three tenths.

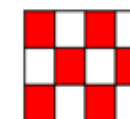
Do you agree?

Explain why.

Explain how the diagram shows both $\frac{2}{3}$ and $\frac{4}{6}$



Which is the odd one out? Explain why



Sort the fractions into the table.

	Fractions equal to one whole	Fractions less than one whole
Unit fractions		
Non-unit fractions		

Are there any boxes in the table empty? Why?

$\frac{3}{4}$	$\frac{3}{5}$	$\frac{1}{3}$	$\frac{1}{4}$	$\frac{2}{2}$	$\frac{4}{4}$	$\frac{2}{5}$	$\frac{1}{2}$
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Top left: Empty

Top right: $\frac{1}{3}$, $\frac{1}{4}$ and $\frac{1}{2}$

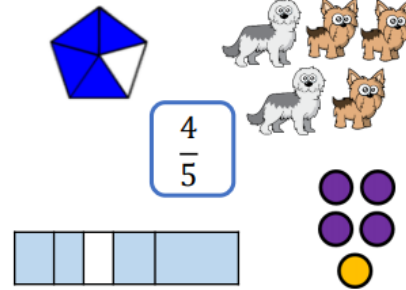
Bottom left: $\frac{2}{2}$ and $\frac{4}{4}$

Bottom right: $\frac{3}{4}$, $\frac{3}{5}$

and $\frac{2}{5}$

There are no unit fractions that are equal to one whole other than $\frac{1}{1}$ but this isn't in our list.

Which representations of $\frac{4}{5}$ are incorrect?

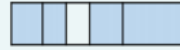


Explain how you know.

The image of the dogs could represent $\frac{2}{5}$ or $\frac{3}{5}$



The bar model is not divided into equal parts so this does not represent $\frac{4}{5}$



Odd One Out



Which is the odd one out? Explain your answer.

The marbles are the odd one out because they represent 8 or eighths. All of the other images have a whole which has been split into ten equal parts.

Teddy is counting in tenths.



Seven tenths, eight tenths, nine tenths, ten tenths, one eleventh, two elevenths, three elevenths...

Can you spot his mistake?

Teddy thinks that after ten tenths you start counting in elevenths. He does not realise that ten tenths is the whole, and so the next number in the sequence after ten tenths is eleven tenths or one and one tenth.

True or False?

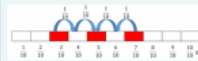
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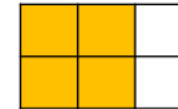
Do you agree?

Explain why.

This is correct. Children could show it using pictures, ten frames, number lines etc. For example:

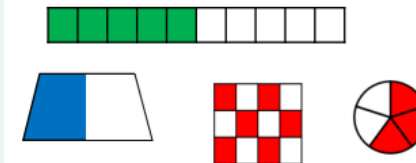


Explain how the diagram shows both $\frac{2}{3}$ and $\frac{4}{6}$



The diagram is divided in to six equal parts and four out of the six are yellow. You can also see three **columns** and two columns are yellow.

Which is the odd one out? Explain why



This is the odd one out because the other fractions are all equivalent to $\frac{1}{2}$

