





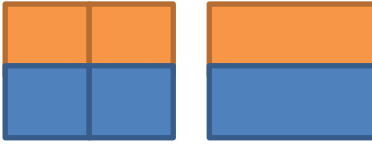

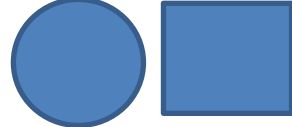
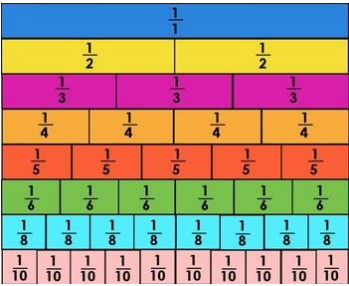


	National Curriculum Statement	All students																												
		Fluency	Reasoning	Problem Solving																										
Fractions	<p>Recognise, find, name and write fractions $\frac{1}{3}$, $\frac{1}{4}$, $\frac{2}{4}$ and $\frac{3}{4}$ of a length, shape, set of objects or quantity.</p>	<ul style="list-style-type: none"> What fraction of the shape below is shaded? <table border="1" style="margin-top: 10px;"> <tr><td style="background-color: red;"></td><td></td><td></td><td></td></tr> <tr><td style="background-color: red;"></td><td></td><td></td><td></td></tr> </table> Pat is organising her teddy bears. She donates $\frac{1}{4}$ of them to charity. How many bears did she have left? <div style="text-align: center; margin-top: 10px;">  </div> Circle the shape showing $\frac{1}{4}$ <table border="1" style="margin-top: 10px;"> <tr><td style="background-color: blue;"></td><td></td></tr> <tr><td style="background-color: blue;"></td><td></td></tr> <tr><td style="background-color: blue;"></td><td></td></tr> <tr><td></td><td></td></tr> <tr><td></td><td></td></tr> <tr><td></td><td></td></tr> </table> <table border="1" style="margin-top: 10px;"> <tr><td style="background-color: yellow;"></td><td style="background-color: yellow;"></td><td></td><td></td><td></td><td></td></tr> </table> 																											<ul style="list-style-type: none"> Circle the odd one out. Explain why you have chosen this fraction. $\frac{1}{4} \quad \frac{1}{3} \quad \frac{2}{4} \quad \frac{1}{2}$ Four children want an equal share of this paper signed by a famous singer. <div style="text-align: center; margin-top: 10px;">  </div> <p>Explain how they can do it.</p> Amy is picturing two fractions. She says, "I think $\frac{1}{4}$ will be bigger than $\frac{1}{2}$ because 4 is bigger than 2." Draw these fractions to prove her wrong. 	<ul style="list-style-type: none"> Find fractions all around you. Write and illustrate them in your journal e.g. <div style="text-align: center; margin-top: 10px;">  </div> <p>The food filled $\frac{1}{2}$ of the plate.</p> Look at 20 toy cars. Is it possible to find $\frac{1}{2}$ $\frac{1}{3}$ $\frac{1}{4}$ of them without breaking any of them? Use 3 circles, colour them in so they show $\frac{1}{4}$ $\frac{2}{4}$ and $\frac{3}{4}$. Write a sentence to explain what you notice. Now colour 3 circles and colour them in so they show $\frac{1}{2}$ $\frac{1}{3}$ and $\frac{1}{4}$. Write a sentence to explain what you notice. What is the difference between the first set of circles and the second set of circles?

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Fractions	<p>Write simple fractions for example, $\frac{1}{2}$ of 6 = 3</p>	<ul style="list-style-type: none"> Find $\frac{1}{3}$ of 30. Fill in the boxes: $\frac{1}{2}$ of 6 = <input type="text"/> $\frac{1}{4}$ of 12 = 3 $\frac{2}{4}$ of <input type="text"/> = 4 Write a simple fraction sentence for the space shaded below. <table border="1" style="width: 100%; height: 40px;"> <tr><td style="background-color: #00aaff; width: 50%;"></td><td style="width: 50%;"></td></tr> <tr><td style="background-color: #00aaff; width: 50%;"></td><td style="width: 50%;"></td></tr> <tr><td style="background-color: #00aaff; width: 50%;"></td><td style="width: 50%;"></td></tr> <tr><td style="background-color: #00aaff; width: 50%;"></td><td style="width: 50%;"></td></tr> </table> 									<ul style="list-style-type: none"> Here is what is left of a pizza that Byron ate.  If he had another equal piece to this left, he would have $\frac{1}{2}$ of the original pizza. How much did he eat? Explain how you know. Bill is asked to shade a half of his shape. This is what he shades. <table border="1" style="width: 100%; height: 60px;"> <tr><td style="background-color: #800000; width: 50%;"></td><td style="width: 50%;"></td></tr> <tr><td style="width: 50%;"></td><td style="width: 50%;"></td></tr> <tr><td style="width: 50%;"></td><td style="width: 50%;"></td></tr> </table> Is he correct? Explain why. Jessie is writing simple fraction sentences. She says, "I know $\frac{1}{2}$ of 8 is 4 so $\frac{1}{4}$ of 8 is 8." Explain the mistake Jessie has made. 							<ul style="list-style-type: none"> Look at the toy cars. Write as many different fraction sentences as you can e.g. $\frac{1}{2}$ of 20 = 10. Look at the picture below. How many fraction sentences can you write? e.g. $\frac{1}{3}$ of the stars are blue. 

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Fractions	Recognise the equivalence of $\frac{1}{2}$ and $\frac{2}{4}$.	<ul style="list-style-type: none"> $\frac{2}{4}$ of this tower is blue. How else can we describe this?  <ul style="list-style-type: none"> What fraction of these shapes are shaded orange?  <ul style="list-style-type: none"> What is $\frac{2}{4}$ equivalent to? 	<ul style="list-style-type: none"> Mihal receives $\frac{1}{2}$ of £10. Violet gets $\frac{2}{4}$ of it. How much money is left? Explain why. Tick the shapes that are showing $\frac{1}{2}$ or $\frac{2}{4}$ are shaded. Explain how you know.  <ul style="list-style-type: none"> Gareth and Stacey both have the same sized chocolate bar. Gareth eats 1 piece of his. Stacey eats 2 equal pieces of hers. They eat the same amount of chocolate. Can you explain how you know this is true? 	<ul style="list-style-type: none"> Take different shaped paper e.g.  <p>Ask the children to fold them and colour them in different colours to show $\frac{1}{2}$ and $\frac{2}{4}$</p> Look at the fraction wall.  <p>How many times can you find $\frac{1}{2}$ or $\frac{2}{4}$?</p>