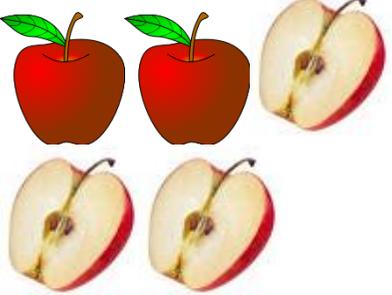
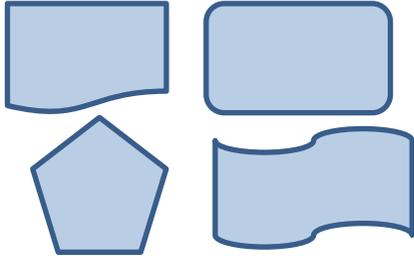
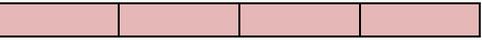


	National Curriculum Statement	All students		
		Fluency	Reasoning	Problem Solving
Fractions	<p>Recognise, find and name a half as one of two equal parts of an object, shape or quantity.</p>	<ul style="list-style-type: none"> Shade a half of each object.  Find $\frac{1}{2}$ of 8 How many halves of the apples below have been eaten?  	<ul style="list-style-type: none"> Arvind has a shape that is split into 4 equal parts. He shades in 2 parts and says "I have shaded half of my shape." Do you agree? Explain why. True or false? I use the 2 times table to find a half of an amount. Convince me! Matthew is finding halves. He says, "It is hard to find half of an odd number." Do you agree? Explain why. 	<ul style="list-style-type: none"> Can you split each of these shapes into two equal halves? Explain why for each shape.  Here is a tower made from cubes.  Which tower is showing double this tower? Explain why using the word 'half'. <ul style="list-style-type: none"> - A tower of 7 cubes. - A tower of 8 cubes. - A tower of 6 cubes.

	National Curriculum Statement	All students										
		Fluency	Reasoning	Problem Solving								
Fractions	<p>Recognise, find and name a quarter as one of four equal parts of an object, shape or quantity.</p>	<ul style="list-style-type: none"> Shade a quarter of each shape.  <ul style="list-style-type: none"> Find $\frac{1}{4}$ of 12. How many quarters are in 2 whole apples? 	<ul style="list-style-type: none"> Sophie has split a square into 2 equal parts. She says, "I can also find one quarter of this square." Do you agree? Explain why. True or false? If I can find half of an amount, this helps me to find a quarter of an amount. Sometimes, always, never. 4 quarters are always made up of 4 equal parts. 	<ul style="list-style-type: none"> Get a circle template, rectangle template and square template. Each template represents 1 whole. Can you these into quarters? Are they equal? Use a bag of skittles to start with different whole numbers. How many different quarter amounts can you find? Record them in a table. <table border="1" data-bbox="1487 710 1966 839"> <thead> <tr> <th>Whole number</th> <th>$\frac{1}{4}$</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> </tr> </tbody> </table>	Whole number	$\frac{1}{4}$						
Whole number	$\frac{1}{4}$											