

Expressing missing numbers algebraically

Independent Task

Mathematics

Miss Jones



Main Task

- Express each situation algebraically
- Use your equation to help you solve the problems



Situation	In your equation	Problem
<p>Mike is doing a sponsored cycle ride. For every mile he cycles, Mike receives £30 in sponsorship. His company also adds £1000 to the total.</p>	<p>Mike cycles f number of miles</p>	<p>What is the total if Mike cycles 340 miles?</p> <p>Mike cycles 112 miles. How much does he raise?</p>
<p>A number is put into a function machine. The machine divides the number by 4 and subtracts three.</p>	<p>b is entered into the function machine</p>	<p>600 is entered into the function machine.</p> <p>168 is entered into the function machine.</p>
<p>Sally buys 6 notebooks. She pays with a £20 note and gets some change.</p>	<p>Sally gets c change</p>	<p>Each notebook costs £1.45. How much change does Sally get?</p>

