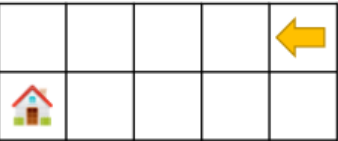
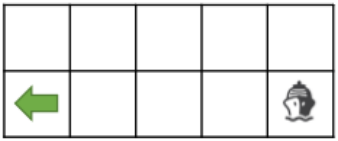
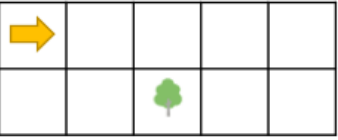

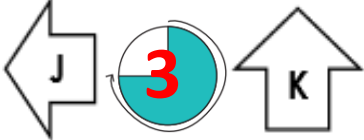
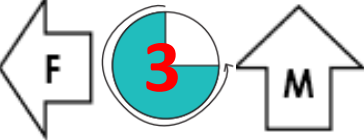
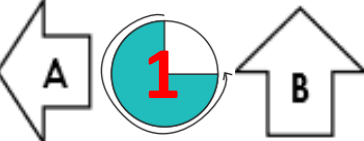


Task 1	Task 2	Task 3	Task 4
<p><b>Practice</b></p> <p><b>Various answers including:</b></p> <p>1. 4 moves forward, 1 quarter turn anti-clockwise, 1 move forward</p>  <p>2. 4 moves backward, 1 half turn clockwise</p>  <p>3. 2 moves forward, 1 quarter turn clockwise, 1 move forward</p>  <p>4. 1 quarter turn anti-clockwise, 1 move forward, 1 quarter turn anti-clockwise, 3 moves forward</p> 	<p><b>Practice</b></p> <p>1. How many <b>clockwise quarter turns</b> will Katie need to make to face the same direction as Jason?</p>  <p>2. How many <b>anti-clockwise quarter turns</b> will Faham need to make to face the same direction as Milly?</p>  <p>3. How many <b>anti-clockwise three-quarter turns</b> will Alexa need to make to face the same direction as Billy?</p> 	<p><b>Reasoning</b></p> <p><b>Explain your answers.</b></p> <div data-bbox="887 408 1487 625" style="border: 1px solid green; padding: 5px;"> <p>3a. Fernando is correct as they will reach the top right exit. Xin is not correct as they would be blocked by the edge on the bottom right.</p> </div> <div data-bbox="887 932 1487 1161" style="border: 1px solid green; padding: 5px;"> <p>3b. Hamza is not correct as they would need to turn left rather than right. Lyla is correct as they will reach the exit on the right.</p> </div>	<p><b>Problem solving</b></p> <div data-bbox="1532 370 2177 593" style="border: 1px solid blue; padding: 5px;"> <p>5a. Various answers, e.g. The mouse could move forward 2, make 1 right quarter turn, move forward, 1, move left 1, move forward 2.</p> </div> <div data-bbox="1532 906 2177 1136" style="border: 1px solid blue; padding: 5px;"> <p>5b. Various answers, e.g. The caterpillar could make a half turn clockwise, move right 1, move forward 1, make 1 quarter turn clockwise and move forward 1.</p> </div>