Fractions on a number line

MODULE 3 · FRACTIONS AND FIRST DECIMALS NUMBER

STRETCH PROBLEMS

1. On the coach to the Burren in Clare, Oisín follows a distance chart marked from **3 km** to **4 km**, split into **5** equal steps. He points to the mark that is **3** steps along from the **3 km** marker. What fraction of the way past **3 km** is that mark?

2. At Camogie training under the floodlights, the coach marks the pitch from the **1**-metre line to the **2**-metre line in **5** equal steps for a passing drill. Caoimhe stands on the mark that is **3** steps along from the **1**-metre line. What fraction of the way along is she standing?

3. At granny's farm, Tadhg marks a fence rail from **3 metres** to **4 metres** and splits it into **5** equal steps for measuring the calves' heights. What fraction is the mark **1** step along from **3**?

4. On sports day, the running track between the **2 metre** mark and the **3 metre** mark is split into **5** equal steps for the beanbag race. Oisín places his first beanbag **1** step along from the **2 metre** mark. What fraction along the way is his beanbag?

5. Cian draws a number line from **0** to **1** on the whiteboard and splits it into **8** equal steps. He puts a counter on the mark **3** steps along from **0**. What fraction of the way to **1** is his counter?