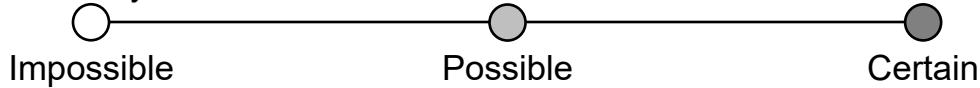


**Handout****4 – 6**  
Section 27**Enrichment****Predictions and Probabilities**

You will need a bag of different-coloured tokens for this activity. Before you open the bag, try to **predict** the probability of outcomes A to F and **locate** them on the probability line.



- |                                   |                                    |
|-----------------------------------|------------------------------------|
| A) Picking a red token            | B) Picking a marble out of the bag |
| C) Picking a token out of the bag | D) Picking a blue token            |
| E) Picking a brown token          | F) Picking a pink token            |

Now **open** the bag of tokens and **fill in** the following table.

**Number of Each Colour of Tokens**

<b>Number of Tokens</b>	<b>10</b>						
	<b>9</b>						
	<b>8</b>						
	<b>7</b>						
	<b>6</b>						
	<b>5</b>						
	<b>4</b>						
	<b>3</b>						
	<b>2</b>						
	<b>1</b>						
		<b>Red</b>	<b>Yellow</b>	<b>Blue</b>	<b>Orange</b>	<b>Green</b>	<b>Brown</b>

**Token Colour**

After discovering the contents of the bag, **change** your predictions, if necessary, and **locate** them again on the probability line.

- |                                   |                                    |
|-----------------------------------|------------------------------------|
| A) Picking a red token            | B) Picking a marble out of the bag |
| C) Picking a token out of the bag | D) Picking a blue token            |
| E) Picking a brown token          | F) Picking a pink token            |

Were your predictions correct? **Explain** your answer.

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