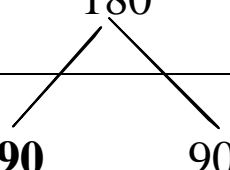


# Predict and Test

## “The Psychic Way”

### Sample Problem

Ed and Mark built towers with connecting cubes. They used 220 cubes. Mark used 40 more cubes than Ed. How many cubes did each person use?

Steps to Predict and Test	Show the Work (sample problem)
<b>Step 1</b> – Take the total number.	220
<b>Step 2</b> – Subtract the number that tells how many more (or how many less).	$\begin{array}{r} 220 \\ - 40 \\ \hline 180 \end{array}$
<b>Step 3</b> – Split the answer in half	 <p style="text-align: center;"><b>90</b>                  <b>90</b></p> <p style="text-align: center;"><i>This is Ed's number.</i> <i>Half of 180 is 90</i></p>
<b>Step 4</b> – Add back the number you subtracted in the beginning to <b>one</b> of the halves.	$90 + 40 = \mathbf{130}$ <p style="text-align: center;"><i>This is Mark's number</i></p>
<b>Step 5</b> – Write out the answer.	<p style="text-align: center;">Ed used <b>90</b> cubes. (Mark used 40 more than Ed.) Mark used <b>130</b> cubes.</p>