



## Phase 5 Estimating and Rounding Assessment

<b>Phase 5 Progression Overview</b>	<b>Assessment Note</b>	<b>Marks</b>
I can estimate the position of any number up to 10 000 on a number line	Question 1	4
I can round a four-digit number to the nearest 10, 100, and 1000	Question 2	6
I can estimate answers to 4-digit calculations using rounding and compare with the solution	Question 3	3
TOTAL MARKS		<b>/13</b>

	Question	Mark
1	<p><b>I can estimate the position of any number up to 10 000 on a number line</b></p> <p>a.) What number could the ? represent? Explain how you know.</p>  <p>b.) What number could the X represent? Explain how you know.</p> 	4
2	<p><b>I can round a four-digit number to the nearest 10, 100, and 1000</b></p> <p>a.) Round 4856 to the nearest 10: _____</p> <p>b.) Round 6231 to the nearest 10: _____</p> <p>c.) Round 7898 to the nearest 100: _____</p> <p>d.) Round 2374 to the nearest 100: _____</p> <p>e.) Round 997 to the nearest 1000: _____</p> <p>f.) Round 4443 to the nearest 1000: _____</p>	6

3 I can estimate answers to 4-digit calculations using rounding and compare with the solution

a.) A school fair raised **3,842** points on Saturday and **2,167** points on Sunday.  
**Estimate** the total number of points by rounding each number to the nearest thousand.

b.) **Now work out the exact total.**

c.) **Compare your estimate with the actual answer.**

Explain: *Was your estimate close? Why might estimating be useful before calculating?*