


Name:	<u>Marking Guide</u>		Date: _____
Teacher :	_____		
 <b>Baldivis</b> Secondary College	<b>Year 7 Investigation</b>		<div style="border: 1px solid black; padding: 5px; text-align: center;">           / 20         </div>
	<u><b>Full working out MUST be shown to get full marks for each question.</b></u>		
<b>Total Time:</b>	20 minutes	Conditions: Calculator free	
<b>Weighting:</b>	10%		
<b>Equipment:</b>	Calculator, pen, pencil, eraser		

Using the numbers below and order of operations try to get as close as possible to the target number.

- You can only use each number once
- You do not have to use every number
- Set out your mathematical thinking clearly in an organized way
- Write out your final solution as an equation

1. Target number:

225

Numbers to use:

100, 50, 8, 1, 3, 4

✓ Working down the page  
 ✓ Overall clear flow and organised mathematical thinking

✓ Working out makes sense mathematically  
 ✓ Used 2 different operations

5

Final solution written as an equation:

0	1	2	3	4	5
nothing	not BMDAS correct multiple steps	multiple steps some BMDAS correct	clear one line BMDAS correct = 200 - 250	clear one line BMDAS correct = (215 - 235)	clear one line BMDAS correct = 225