





Well done – Full marks on a Grade D challenge question

You dropped marks because:

## Markscheme

<p>1(a) Mass of raspberries <math>4.5(0) \div 3.6(0)</math> or <math>450 \div 360</math></p> <p style="text-align: right;">1.25 (kg)</p>	<p>M1</p> <p>A1</p>	<p>Place value must consistent Allow sight of <math>3.60 \div 4 = 0.9</math> with <math>3.60 + 0.9 = 4.5</math> for M1</p> <p>Accept 1250(g), if units are given they must be correct Mark final answer</p>
<p>1(b) Mass of pears (<math>3 \times 1.25 =</math>) 3.75 (kg) or 3750(g)</p> <p>Cost of pears (<math>3.75(0) \times 2(.)60 =</math>) (£)9.75 or 975(p)</p> <p>Total cost of raspberries and pears (£4.50 + £9.75 =) £14.25 or 1425(p)</p> <p>Change (£)5.75 or 575(p)</p>	<p>B1</p> <p>B1</p> <p>B1</p> <p>B1</p>	<p>FT 'their 1.25'</p> <p>FT 'their 3.75' provided <math>3 \times</math> 'their 1.25' has been attempted If units are given they must be correct</p> <p>FT correct evaluation of <math>4.5(0) +</math> 'their 9.75' May be embedded within correct evaluation of their change</p> <p>Allow £5.75p, if units are given must be correct FT provided <math>4.50 +</math> 'their 9.75' has been attempted</p> <p><i>Example of FT from no answer in (a):</i> B0, B0 then <math>(£4.50 + 3 \times £4.50 =) (£)18</math> B1 <math>(\text{Change} = 20 - 18 =) (£)2</math> B1</p>
<p>Organisation and communication</p>	<p>OC1</p>	<p>For OC1, candidates will be expected to:</p> <ul style="list-style-type: none"> <li>• present their response in a structured way</li> <li>• explain to the reader what they are doing at each step of their response</li> <li>• lay out their explanations and working in a way that is clear and logical</li> <li>• write a conclusion that draws together their results and explains what their answer means</li> </ul>
<p>Accuracy of writing</p>	<p>W1</p>	<p>For W1, candidates will be expected to:</p> <ul style="list-style-type: none"> <li>• show all their working</li> <li>• make few, if any, errors in spelling, punctuation and grammar</li> <li>• use correct mathematical form in their working</li> <li>• use appropriate terminology, units, etc.</li> </ul>