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me:			13
	ALES .	Raspberries cost £3.60 per kg	
		Pears cost £2.60 per kg	
Rhys	buys some raspbe weighs the fruit he raspberries cost hin		
(a)	Calculate the mas	s of the raspberries Rhys buys.	[2
(b)		question, you will be assessed on the quality of	of your organisatio
	He finds that the r	nd accuracy in writing. nass of the pears is three times the mass of the ra e does Rhys get from £20 when buying the raspbe	erries and pears?
	You must show all	your working.	[4 + 2 OCV
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	You must show all	your working.	[4 + 2 OCV
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		your working.	
			-
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			-
			[4 + 2 OCW



Well done – Full marks on a *Grade D* challenge question

You dropped marks because:

## <u>Markscheme</u>

1(a) Mass of raspberries 4.5(0) ÷ 3.6(0)	M1	Place value must consistent
or 450 ÷ 360	DAT 1	Allow sight of 3.60 ÷ 4 = 0.9 with
01430 - 300		3.60 + 0.9 = 4.5 for M1
1.25 (kg)	A1	Accept 1250(a), if units are given they
1.25 (Kg)	A	must be correct
		Mark final answer
1(b) Mass of pears (3 × 1.25 =) 3.75 (kg)	B1	FT 'their 1.25'
or 3750(g)		
Cost of pears (3.75(0) × 2(.)60 =)	B1	FT 'their 3.75' provided 3 × 'their 1.25'
(£)9.75 or 975(p)		has been attempted
		If units are given they must be correct
Total cost of raspberries and pears	B1	FT correct evaluation of 4.5(0) + 'their
$(\pounds 4.50 + \pounds 9.75 =)$ $\pounds 14.25 \text{ or } 1425(p)$	ы	9 75'
		May be embedded within correct
		evaluation of their change
Change (£)5.75 or 575(p)	B1	Allow £5.75p. if units are given must
		be correct
		FT provided 4.50 + 'their 9.75' has
		been attempted
		Example of FT from no answer in (a):
		B0, B0 then
		(£4.50 + 3 x £4.50 =) (£)18 B1
		(Change = 20 - 18 =) (£)2 B1
Organisation and communication	OC1	For OC1, candidates will be expected
		to:
		<ul> <li>present their response in a</li> </ul>
		structured way
		<ul> <li>explain to the reader what they are</li> </ul>
		doing at each step of their response
		<ul> <li>lay out their explanations and</li> </ul>
		working in a way that is clear and
		logical • write a conclusion that draws
		<ul> <li>write a conclusion that draws together their results and explains</li> </ul>
		what their answer means
Accuracy of writing	W1	For W1, candidates will be expected
recordey or midlig		to:
		<ul> <li>show all their working</li> </ul>
		<ul> <li>make few, if any, errors in spelling,</li> </ul>
		punctuation and grammar
		<ul> <li>use correct mathematical form in</li> </ul>
		their working
		<ul> <li>use appropriate terminology, units, etc.</li> </ul>
		elc.
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