

(Total for Question is 3 marks)

Q4.		
Work out an estimate for	$\sqrt{4.98 + 2.16 \times 7.35}$	
		(Total for question = 3 marks)
Q5.		
There are 892 litres of oil in He uses 18.7 litres of oil ea		
Estimate the number of da	ays it will take him to use all the	e oil in the tank.
		(Total for question = 2 marks)

	(Total for question is 1 mark)
Without doing the exact calculation, explain why Jayne's ans	
$3.4 \times 5.3 = 180.2$	
Jayne writes down the following	
Q7.	
	(Total for question is 4 marks)
	(1)
(b) Is your estimate to part (a) an underestimate or an overe Give a reason for your answer.	estimate?
	(3)
(a) Work out an estimate for the amount Ria pays.	
On average Ria uses 50.1 units of gas a week. She pays for the gas she uses in 13 weeks.	
A unit of gas costs 4.2 pence.	

Q6.

nearest centimetre. e values of L
nearest centimetre.
(Total for question = 2 marks)
(Total for Question is 3 marks)
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Q8.

Q11.	
Jim rounds a number, x, to one decimal place. The result is 7.2	
Write down the error interval for <i>x</i> .	
write down the end interval for X.	
	(Total for question = 2 marks)
	(Total for question = 2 marks)
Q12.	
(a) Work out $\frac{4.36 + 2.8^3}{6.8 - 5.42}$	
Give your answer as a decimal. Write down all the digits on your calculator display.	
5 , , , , ,	
	(2)

(1)

(Total for question = 3 marks)

(b) Give your answer to part (a) correct to 1 decimal place.

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n	1	-2
w		J.

Use your calculator to work out $\frac{\sqrt{70.25}}{4.2 - 2.37}$

(a) Write down all the figures on your calculator display. You must give your answer as a decimal.

(h)	Write your answer to part (a) correct to 4 decimal places		(2)
(5)	vinto your anowor to part (a) correct to 1 decimal place.	o.	
			(1)

(Total for question = 3 marks)

Q14.

Work out $\sqrt{\frac{2.5 \times \sin 43^{\circ}}{8.2^2 - 50.5}}$

Give your answer correct to 3 significant figures.

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(Total for question = 2 marks)