(2∞)
(2∞)
6200
(1)
<u> .4 x 104</u>
al for Question 1 is 2 marks)
0 · 000033 (1)
4 X 10-4
(1) tal for Question 2 is 2 marks)
0.00093
(1)











13 The table shows some information about some planets.

	Planet	Distance from Sun (miles)	
	Mercury	3.5 × 107	
	Earth	9.3×10^{7}	
	Jupiter	$4.84 imes 10^8$	
	Saturn	9×10^8	
	Uranus	18 × 109	
(a) Write the dist	ance of Saturn from the sun a	as an ordinary number.	000
		,	(1)
Mars is 1.42 >	$< 10^8$ miles from the sun.		(2)
(c) Craig says			
"Mars is	closer to the sun than Earth	is because 1.42 is less than 9.3".	
Is Craig correct? You must give a	reason for your answer.		
NO	1.42 ×10 =	142,000,000	
	9.3 × 107 =	93,000,000	
	00000 is sma	Ver than 142,000	,000 ,
930			1 4 7
930		(Total for Question 13 i	is 4 marks)
930		(Total for Question 13 i	is 4 marks)

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14 (a) Suresh needs to write 32000 in standard form.	
His answer is 32×10^3	
Explain why Suresh's answer is incorrect.	
SZ is too big. It show	d be between
1 and 10 (but not 10	exaetly)
(b) Lisa needs to write 0.068 in standard form	(1)
Her answer is 6.8×10^2	
Function where I is a constant of the function of f	
Explain why Lisa's answer is incorrect.	
It chould be figure)-2
$(.7 \times 10^2)$ (00 ml 0	. DL 9
0 2 X 10 12 0 X 10 0	
	(Total for Question 14 is 2 marks)
15 (a) Work out $(3 \times 10^4) \times (5 \times 10^6)$ Give your answer in standard form	
15 x 10"	
(b) Work out $(7 \times 10^8) \div (2 \times 10^4)$ Give your answer in standard form.	
	د ل
	3.5× (DT
	(2)

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