## MATHS TEACHER HUB

	HIÇ	gner Ho	mewor	K IU : N	lumber	
1. Write the f	ollowing n	umbers i	n ascend	ling orde	er.	
		7	9	5	4	
		<del>,</del>	$\frac{9}{12}$ ,	$\frac{3}{7}$ ,	12,	
		11	12	/	13	
						(2 marks)
2. Work out	£2.78 × 1	7				
						(2 marks)
3. Work out	E32.22 ÷ 9	)				
						(1 mark)
4. Work out	4-3					
,, 9222 9 6.0	-					
						(1 mark)
5. Estimate 19	) 121 ÷ 0 1	0				· · · · · · · · · · · · · · · · · · ·
J. Estimate 13	7.424 · 0.4					
						(1 mark)
	41 1 Oth		1			(1)
6. Write down	i the 18 <sup>th</sup> so	quare nui	nber.			
						(1 mark)
	(2) <sup>4</sup>					
7. Work out	$\left(\frac{2}{5}\right)$					
	(5)					(2 marks)
O A mumb on b	os <b>h</b> oon no	unded to	24 to th	2 12 2 2 14 2 2 1	t 2 sianif	
8. A number h			24 to the	e neares	t Z Signii	icant figures.
Write down	the error	ınterval				
						(2 marks)
9. Work out	$32^{\frac{3}{5}}$					
. WOIR Out	<i>52</i>					(2 manl-a)
10 Want	0					(2 marks)
10. Work out	y					

(1 mark)

## ♦ Maths teacher Hub

## Higher Homework 10: Number

11.	. Some money has been shared between Leo, Jake and Sue in the ratio 5:3:7.
	Sue received £28 more than Jake.
	How much did they have all together?

(2 marks)

12. Simplify 
$$\sqrt{112}$$

(2 marks)

13. Work out 
$$1\frac{2}{5} - \frac{5}{8}$$

(2 marks)

14. Work out 
$$1\frac{4}{5} \div 1\frac{3}{4}$$

(2 marks)

15. Express 882 as a product of its prime factors.

(2 marks)

16. Workout the HCF and LCM of 40 and 36.

(2 marks)

17. Write  $3.51 \times 10^4$  as an ordinary number.

(2 marks)

18. Convert  $125.3 \times 10^7$  into standard form.

(2 marks)

19. Work out  $(2.7 \times 10^8) \div (9 \times 10^{-4})$ 

(2 morks)

(3 marks)