

Guidance

- 1. Read each question carefully before you begin answering it.
- 2. Check your answers seem right.
- 3. Always show your workings

Video Tutorial

www.corbettmaths.com/contents

Video 96



Answers and Video Solutions

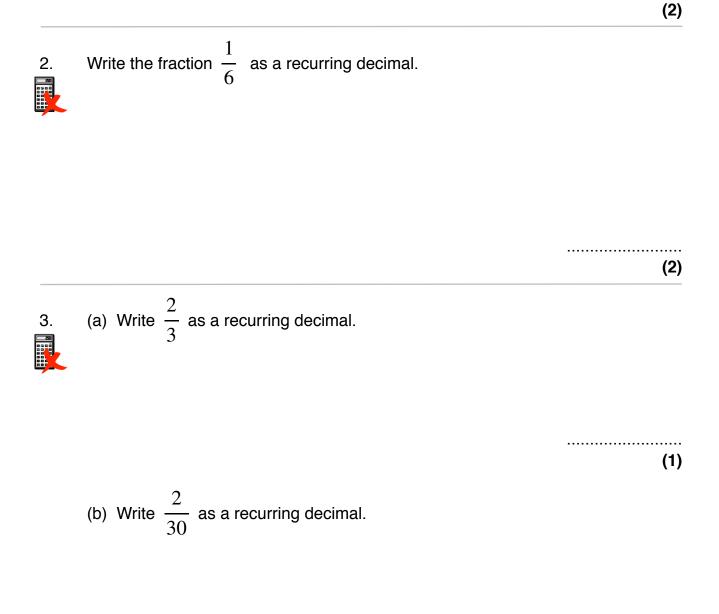




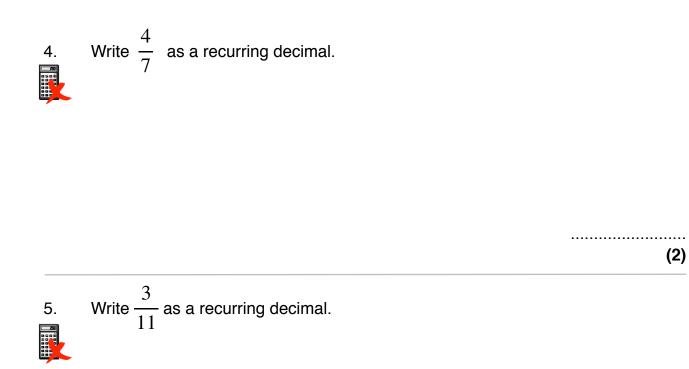
Shown below are four fractions.

5	1	2	11	
8	3	7	20	

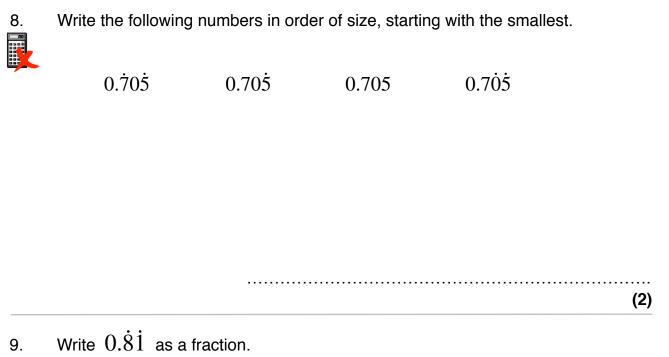
Circle any fractions which are recurring decimals.



.....(1)



					(2)
6.	Circle the largest number.				
	1.85	1.85	1.85	1.8	
					(1)
7.	Circle the smal	lest number.			
	0.7	0.78	0.775	0.749	



Give your answer in its simplest form.

.....

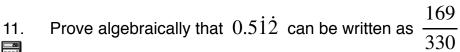
(3)

10. Convert $0.3\dot{4}$ to a fraction.



Give your answer in its simplest form.

(3)





(3)



Convert 0.451515151... to a fraction. Give your answer in its simplest form.

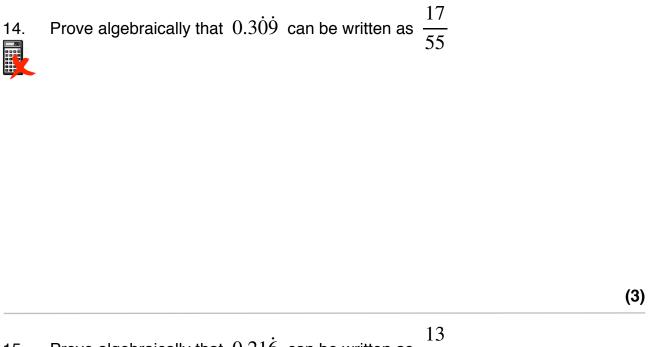
(3)

Write $1.2\dot{4}$ as a mixed number. 13.



Give your answer in its simplest form.

..... (3)



15. Prove algebraically that $0.21\dot{6}$ can be written as $\frac{13}{60}$

(3)

16. Write $2.1\dot{6}\dot{5}$ as a mixed number. Give your answer in its simplest form.

(3)

Write the numbers below in order.Start with the smallest.



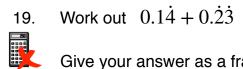
$\frac{11}{23}$ 0.472 $\frac{5}{11}$

			(3)

18. Work out $0.\dot{3} - 0.0\dot{5}$

Give your answer as a fraction in its simplest form.

.....(4)



Give your answer as a fraction in its simplest form.

.....(4)



Work out $1.5\dot{4} \times 0.\dot{2}$

Give your answer as a fraction in its simplest form.

.....



Work out $0.\dot{1}\dot{8} + 0.\dot{3} \div 0.4\dot{6}$

Give your answer as a fraction in its simplest form.

(5)

22. Work out $3^{-2} \div 0.27\dot{0}$



Give your answer as a fraction in its simplest form.