

Percentage of an Amount



REVISE THIS TOPIC

CHECK YOUR ANSWERS



1 (a) Work out 10% of 720	
(b) Work out 50% of 120	(1)
(c) Work out 1% of 800	(1)
(d) Work out 25% of 44	(1)
(e) Work out 10% of 35	(1)
(f) Work out 50% of 11	(1)
1 st	(Total for Question 1 is 6 marks) (1)

2	(a) Work out 20% of 300	
	(b) Work out 5% of 260	(2)
	(c) Work out 1% of 40	(1)
	(d) Work out 40% of 60	(1)
	(e) Work out 15% of 180	(2)
	(f) Work out 70% of 4100	(2)
		(Total for Question 2 is 10 marks) (2)

Work out 35% of 480 3



(Total for Question 3 is 3 marks)

Work out 65% of 160



(Total for Question 4 is 3 marks)

Work out 22% of 30



(Total for Question 5 is 3 marks)

Work out 95% of 6000



(Total for Question 6 is 3 marks)



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7 Work out 0.5% of 280



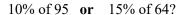
(Total for Question 7 is 2 marks)

8 Work out 120% of 400



(Total for Question 8 is 3 marks)

9 Which is greater





You must show all your working.



(Total for Question 9 is 4 marks)

10 (a) Work out 13% of 740 [calculator allowed	ed]
(b) Work out 9% of 550	(2)
(c) Work out 63% of 808	(2)
(d) Work out 87% of 14700	(2)
(e) Work out 126% of 310	(2)
(f) Work out 9.5% of 6010	(2)
(g) Work out 13.5% of 1180	(2)
st	(Total for Ouestion 10 is 14 marks)



(Total for Question 10 is 14 marks)



11	A bag	contains	300	pencils.
	11 oug	Contains	200	penens.



20% of the pencils are red. 12% of the pencils are blue.

Work out how many more red pencils there are than blue pencils.

(Total for Question 11 is 4 marks)

12 Stan receives £140 for his birthday. He spends 35% of the money and saves the rest.



Work out how much money Stan saves.

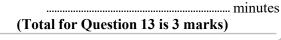
(Total for Question 12 is 3 marks)

£

13 Erica spends 2 hours revising. She spends 40% of this time revising for maths.



Work out how many minutes Erica spends revising for maths.







14	A car's fuel tank can hold a total of 60 litres of fuel.
	Steve adds fuel to the fuel tank so that it is 80% full.



Each day Steve uses 15 litres of fuel to travel to work and back. Will Steve have enough fuel to travel to work and back for the next 3 days? You must show your working.

(Total for Question 14 is 4 marks)

15 Zara wins £5000

She keeps 70% for herself and shares the remainder equally between her two siblings.



Work out how much money each of Zara's siblings receives.

	£			
(Total for	Question	15 is 4	marks)	

16 A theatre has 900 seats.

Tickets for a show are sold for £3 each.

One night the theatre sells enough tickets to fill 95% of their seats.

Work out how much money the theatre makes from ticket sales.



(Total for Question 16 is 4 marks)



17	There are 850 students at a school.				
	On Monday the attendance was 94% On Tuesday the attendance was 92%				
	Work out how many more students attended school on Monday than on Tuesday.				
		(Total for Question 17 is 3 marks)	_		
18	A bag of flour weighs 2 kg. A baker uses 18% of the bag for a recipe.				
	Work out how much flour is left in the bag. Give your answer in grams .				
		(Total for Question 18 is 4 marks)	ıs		
19	A rectangular wall measures 5 metres by 3 metres. 70% of the wall is going to be painted.	(Total for Question 10 is 4 marks)	_		
	Work out the area of the wall that will be painted.				
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1st		n	\mathbf{n}^2		
L	<u> </u>	(Total for Question 19 is 3 marks)	_		

Solutions