Autumn progress check



Mathematics

Paper 2: reasoning and problem solving

First name				
Middle name				
Last name				
Date of birth	Day	Month	Year	
Teacher		<u>.</u>		

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Please do not write on this page.

Instructions

You **may not** use a calculator to answer any questions in this paper.

Questions and answers

You have **50 minutes** to complete this paper.

Follow the instructions for each question.

Work as quickly and as carefully as you can.

If you need to do working out, you can use the space around the question.

Some questions have a method box like this:



For these questions you may get a mark for showing your method.

If you cannot do one of the questions, **go on to the next one**.

You can come back to it later, if you have time.

If you finish before the end, **go back and check your work**.

Marks

The number under each line at the side of the page tells you the maximum number of marks for each question.

Eva makes this number.



Write Eva's number in numerals.

Write Eva's number in words.

1 mark

1 mark

2

Complete the part-whole model.



1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50

Which two numbers has he missed?



Hundreds		Tens		Ones	
100		10 10			
Write Dexter's	numbe	<mark>r in words.</mark>			
					-
Dexter adds t	hese cou	unters to th	ne chart.		I III
100 10	10				
What is Dexte	r's new	number?			
					1 m
Circle all the r	nultiples	s of 2			
	3	12	21	30	
					1 m
Circle all the r	nultiples	s of 5			

9 15 60 71

5





9 Complete the number track.

	250	300		400
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Complete the sentence.

Ron has made equal groups of

Dora has started making an array with 12 counters.



1 mark

11

Rosie and Mo are both estimating the answer to 398 – 101 Rosie says, "The answer is about 300" Mo says, "The answer is about 200"

Whose estimate is better?

Circle your answer.

Rosie Mo

Explain your choice.

Annie is calculating 568 – 99

Annie says, "First I am going to subtract 100 from 568"

What does Annie need to do next?

Tick the correct box.



1 mark



1 mark

12







How many stickers does he have now?



1 mark

Write a subtraction to check your answer.

Jug A has 490 ml of juice. Jug B has 220 ml of juice. 150 ml of juice is poured from jug A into jug B.



Which jug now contains more juice?



2 marks

Dani is putting sweets into party bags. She puts 3 sweets in each bag. She uses 27 sweets in total.

How many bags does she fill?

20



1 mark

Dani wants to put 8 stickers into each party bag.

She has 50 stickers.

How many more stickers does she need?



1 mark

END OF PAPER

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