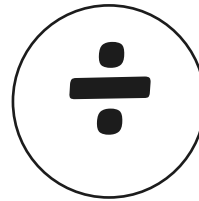
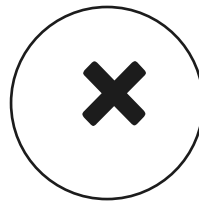
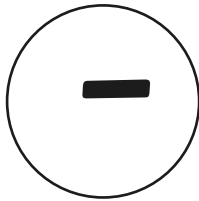
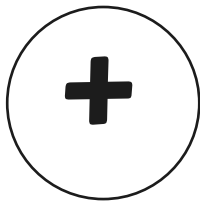


Key Stage 1

Mathematics

Reasoning: Test 2

Name	
Date	



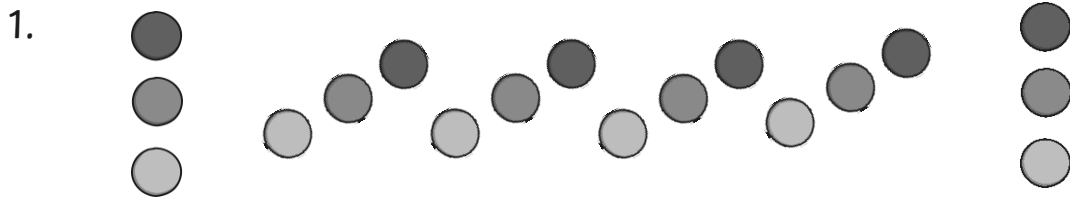
35

total marks

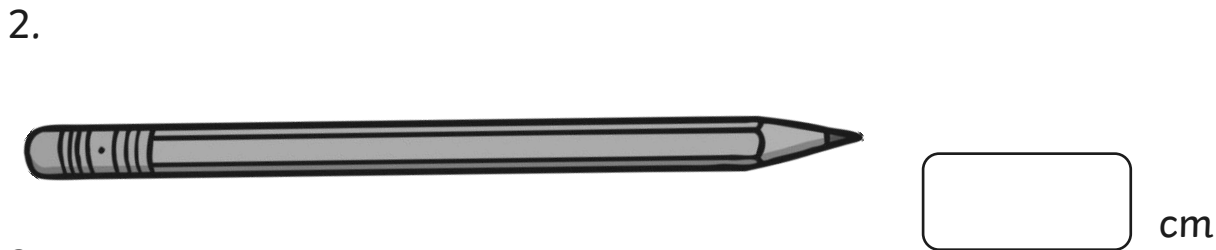
Name:

Date:

Key Stage 1 Maths Reasoning: Test 2



1 mark



1 mark

34 43 78 94 27 42

1 mark



1 mark



1 mark

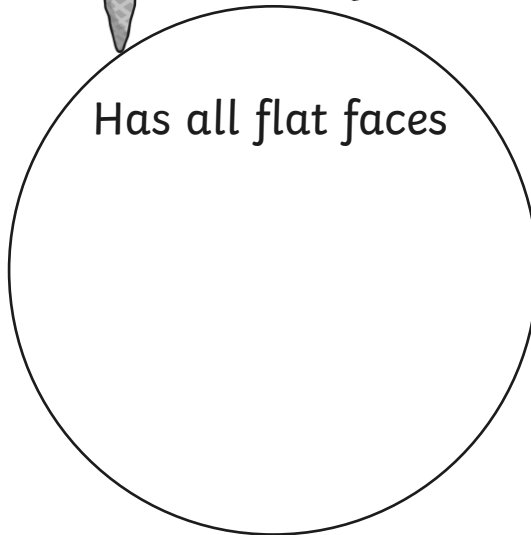
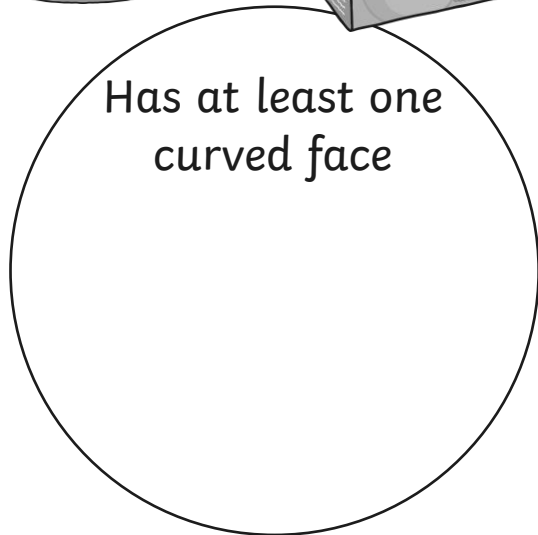
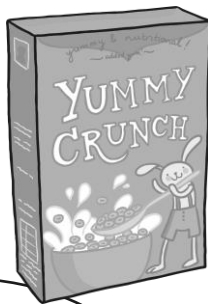
Total for this page

12. Joe and Nita go to the school office to collect some pencils. Joe has 40 pencils and Nita has 60 pencils.

How many pencils do they have altogether?

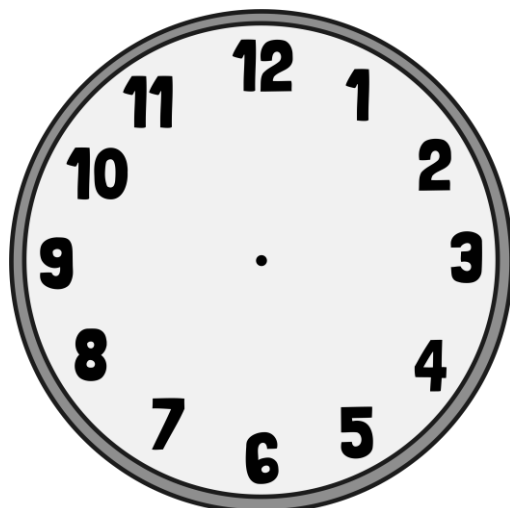
1 mark

13. Here are some everyday 3D objects. Sort the shapes into the two groups. Draw an arrow from each object to the correct group.



1 mark

14. Draw hands on this clock to show the time half past two.



1 mark

Total for this page

15. Joe and Nita jump from a standing position in a PE lesson. They measure their longest jump. Joe jumps 76cm and Nita jumps 67cm. Using one of these symbols, < or >, compare the measurements.

Joe jumps 76cm
Nita jumps 67cm

Joe		Nita
-----	--	------

1 mark

16.

a) Joe has the following coins. How much money does he have?



1 mark

Nita has the following coins. How much money does she have?

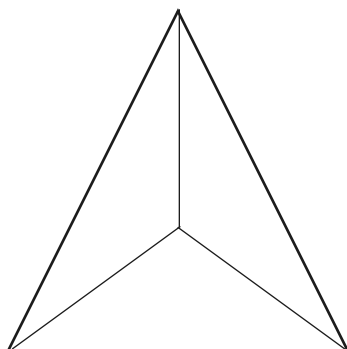


1 mark

b) They put their money together. How much do they have together?

1 mark

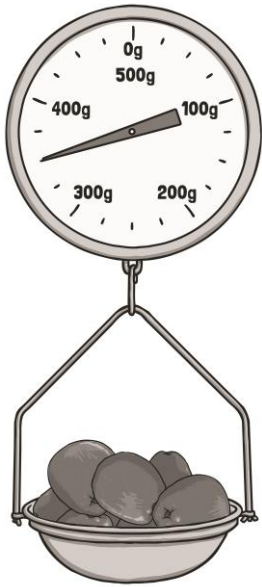
17. Here is a triangle. Shade $\frac{1}{3}$ of the triangle.



1 mark

Total for this page

18. Joe is buying some apples. How much do the apples weigh?

 g

1 mark

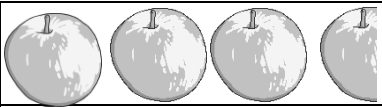



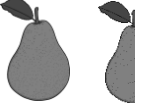
19. A packet of chocolate biscuits contains 5 biscuits. Nita buys 6 packets of biscuits. How many biscuits does Nita buy?



1 mark

Total for this page

20. A class of children chose their favourite fruit. This pictogram shows the results. **Each piece of fruit represents 2 children.**

apple	
orange	
banana	
mango	
pear	

a) Which was the favourite fruit and how many children chose it as their favourite fruit?

Favourite fruit

children

2 marks

b) How many more children chose apples as their favourite fruit than pears?

1 mark

21. Joe counts all his shoes. He has 18 shoes. How many pairs of shoes does Joe have?



1 mark

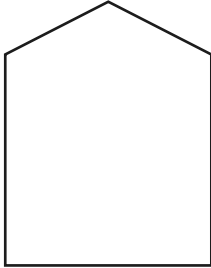
Total for this page

22. Fill in the missing numerals to complete this calculation.

$$1 \square \times \square = 70$$

1 mark

23. Use a ruler to draw a line of symmetry on this shape.



1 mark

24. There are twenty colouring pencils on Nita's table. She is asked to share the pencils between five children on her table.

Circle the calculation that will give the answer.

$20 \div 5$

$5 \div 20$

$4 \div 20$

$20 \div 4$

1 mark

25. Joe has 50p. He buys a small drink for 24p.
His mother then gives him 45p.
How much does he have now?



1 mark

Total for this page

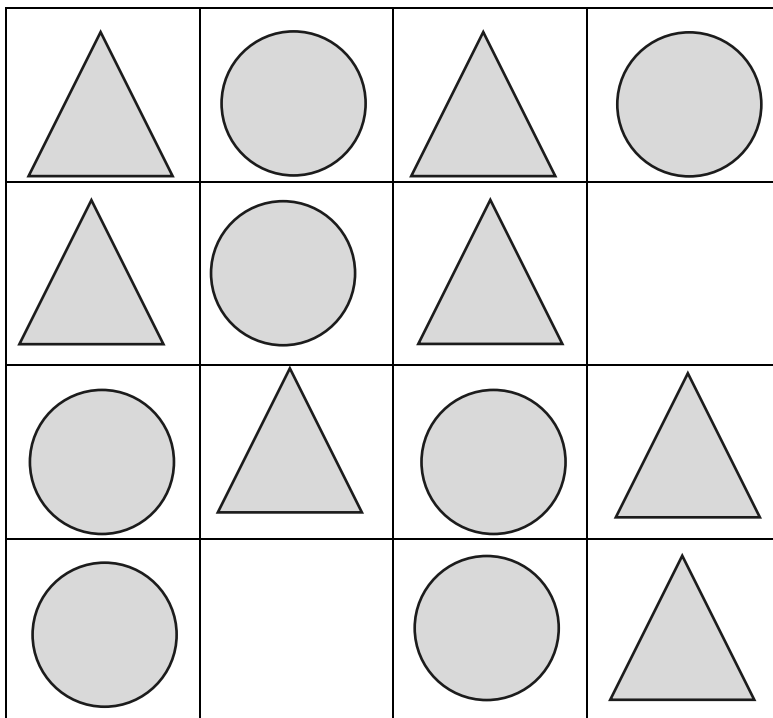
26. Use the digit cards 2, 5 and 8 to complete addition calculation.



1 mark

$$\square \square + \square = 60$$

27. Complete this pattern.



1 mark

28. Order the following numbers from smallest to largest.

34 43 78 94 27 42

1 mark

--	--	--	--	--	--

Smallest

Largest

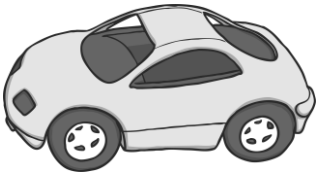
29. Complete these fractions so that they are equivalent.

$$\frac{1}{2} = \frac{\quad}{4}$$

1 mark

Total for this page

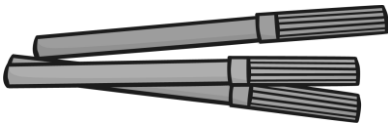
30. Joe collects 9 five pence pieces. He uses them to buy a toy car for 32p.



How much does Joe have left?

1 mark

31. Nita and Joe collect all the felt tip pens in a classroom. Nita collects 43 pens and Joe collects 38 pens.



Write the calculation you would use to work out how many pens Nita and Joe collected altogether.

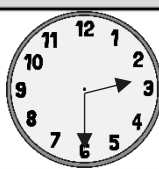
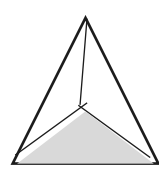
1 mark

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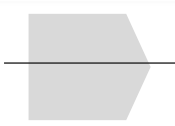
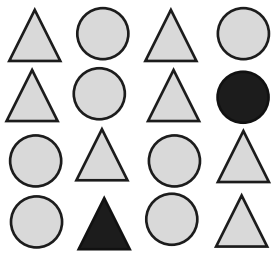
Answer Sheet: Key Stage 1 Maths Reasoning: Test 2

Question	Answer	Marks	Notes
1.			
	Ring around 9 balls	1	Allow 0.1cm error for each. Both correct for 1 mark.
2.			
	Estimate from 9cm to 14cm	1	
3.			
	Circle 43 and 42	1	Both circled and no others for the mark.
4.			
	69	1	
5.			
	14m	1	Accept any digits in the whole number places.
6.			
	Rectangle and Hexagon	1	Both answers must be given for a point. Allow misspellings as long as intention is clear.
7.			
	54 - 47	1	
8.			
	74 76 78 80 82 84	1	All 3 numbers for the mark.
9.			
	Answers between and including 16 to 18	1	
10.			
	13 + 21 or 21 + 13	1	
11.			
	24	1	

Answer Sheet: Key Stage 1 Maths Reasoning: Test 2

Question	Answer	Marks	Notes
12.			
	$40 + 60 = 100$	1	
13.			
	Curved – tin and cone Flat – cereal packet and chocolate bar	1	
14.			
		1	Hour hand must be between 2 and 3 for the mark.
15.			
	Joe > Nita	1	
16.			
a)	Joe 43p	1	1 mark for each correct answer.
b)	Nita 36p	1	
17.			
		1	Shading need not be accurate but the intention must be clear.
18.			
	350g	1	Allow 340 – 360g
19.			
	30 biscuits	1	All 3 numbers for the mark.

Answer Sheet: Key Stage 1 Maths Reasoning: Test 2

Question	Answer	Marks	Notes
20.			
a)	Banana 9 children	2	
b)	4 children	1	
21.			
	9 pairs	1	
22.			
	$10 \times 7 = 70$ or $14 \times 5 = 70$	1	
23.			
		1	
24.			
	$20 \div 5$	1	
25.			
	$50 - 24 = 26$ $26 + 45 = 71p$	2	1 mark for correct calculations with only 1 mistake.
26.			
	$52 + 8$ $58 + 2$	1	
27.			
		1	

Answer Sheet: Key Stage 1 Maths Reasoning: Test 2

Question	Answer	Marks	Notes
28.			
	27, 34, 42, 43, 78, 94	1	
29.			
	$\frac{2}{4}$	1	
30.			
	$9 \times 5 = 45$ $45 - 32 = 13p$	1	1 mark for correct calculations with only 1 mistake
31.			
	$43 + 38$	1	Award mark even if the addition is calculated incorrectly.

