

Year 2 Maths Reasoning Test 4 (for Home)

Please note this is for additional revision and not for homework so please do not stick them in your child's book. This maths reasoning test includes 5 oral questions which the children need to answer. The questions are towards the end. The answers have been provided on the last sheet of this test. Thank you.

Script Sheet: Key Stage 1 Practice Reasoning Test 4

Page 1 Script for Questions 1-5	
1	Circle the digit that represents ones in the number fourteen.
2	What number is one less than fifty?
3	Circle the measurement shown by the thermometer.
4	Shade one quarter of the rectangle.
5	A packet of crisps costs 35p and a drink costs 40p. Amy buys a packet of crisps and a drink. How much does she spend?

Name: _____ Date: _____

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1. 40 14

2.


3.  18cm 18kg 18ml 18°C


4.

5. 

Name: _____ Date: _____

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6. Stanley has 7 of the 12 toy cars that make a complete set.  How many more cars does he need to complete the set of 12 cars?




7. Here are 37 buttons: 22 circular button and 15 square buttons. 

Complete the addition and subtraction calculations below.

+ = 37

- = 15

8. Draw the lines to match the shapes to their names.

Cuboid	
Cylinder	
Cone	

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9. Circle the even numbers.
16 56 92 70
29 37 85

10. Here are 16 dolls. Schantie takes $\frac{2}{3}$ of the dolls to play with her friend. 

How many dolls does Schantie share with her friend?

11. How much juice is in the jug?



 ml

10
Total marks

1 mark

1 mark

1 mark

Total for this page

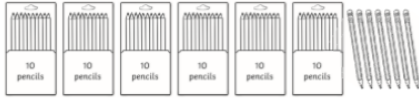
12. Write the missing numbers in this sequence.

23			53	63	73
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13. Draw an arrow to show 45 on the number line.

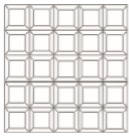


14. Pencils are sold in packs of ten. The school manager checks how many pencils are left in the store.



How many pencils are left in the store?

15. Bars of chocolate have 25 pieces. They are 5 pieces wide. How many pieces long are the bars?



16. Circle the time that represents 2 days.

- 40 hours 45 hours 48 hours 50 hours

20. Write a digit in each box to make this subtraction correct.

$$\boxed{5} - \boxed{} = 78$$

21. There are 14 boys and 15 girls in a class.



Three children are absent. How many children are in school?

22. T-shirts are sold in packs of 3. A shop has 5 packs of T-shirts.

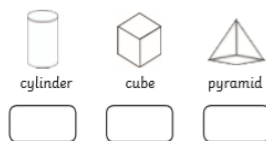
Circle all the calculations which would give the total number of T-shirts in the 5 packs.

- 5×3 $5 + 3$ 3×5 $3 + 5$ $5 - 3$

23. Circle the 2 fractions that are equivalent.

- $\frac{3}{4}$ $\frac{1}{2}$ $\frac{1}{4}$ $\frac{2}{4}$

24. Under each shape, write the number of square faces.



cylinder

cube

pyramid

1 mark

1 mark

1 mark

1 mark

1 mark

total for this page

2 mark

2 mark

1 mark

1 mark

total for this page

17. A shop sells packs of felt pens.



In a week the shop sells 9 packs containing 45 pens in all.

How many pens are there in each pack?

18. Here are some 2D shapes:



Write the name of each shape in the correct column below.

Has straight sides	Has curved sides.

19. Here are 3 sets of weights.



Circle the 2 sets that weigh the same.

25. Schantie has a packet of biscuits with 23 biscuits.



She eats 3 biscuits and then shares the rest between herself and 4 friends.

How many biscuits will each friend receive?

26. a) Joe has these coins in his wallet. How much money does he have?



b) Which coins would make the same amount?



27. Here is an arrow:

Draw a new arrow to show this arrow turned a quarter turn clockwise.

1 mark

1 mark

1 mark

1 mark

1 mark

total for this page

2 mark

1 mark

1 mark

1 mark

total for this page

28. Circle the larger number:

ninety-seven seventy-nine

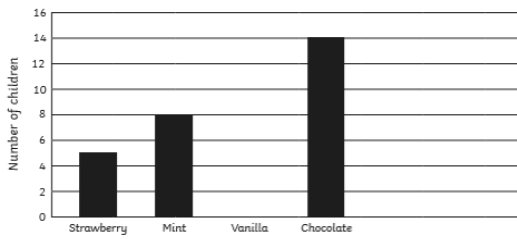
29. Stanley buys an ice cream for 65p.



He pays with a 50p coin and a 20p coin

Calculate the change Stanley will receive.

30. A class choose their favourite ice cream flavour.
Here is a block diagram showing the choices of the children.



a) 11 children chose vanilla as their favourite flavour.
Draw the block on the graph to show how many children chose vanilla.

b) Janie used a tally chart to collect the information.
Show the number of children who chose vanilla as a tally.

Vanilla	
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END OF TEST

9

1 mark

10

1 mark

11

1 mark

Key Stage 1 Maths Reasoning: Test 4

Answers

questions	Answers	Mark	Notes
1	The 4 in 14	1 mark	
2	49	1 mark	
3	18°C	1 mark	
4	One quarter shaded	1 mark	
5	75p	1 mark	
6	5 cars	1 mark	No need to write cars
7	22 + 15 = 37 or 15 + 22 = 37 37 - 22 = 15	1 mark	Both answers correct for 1 mark
8	Cuboid Cylinder Cone	1 mark	
9	16 56 92 80	1 mark	
10	12 cars	1 mark	Allow any answer between 330ml and 370 ml.
11	350ml	1 mark	
12	33, 43	1 mark	
13		1 mark	
14	67	1 mark	

Key Stage 1 Maths Reasoning: Test 4

Answers

15	5	1 mark							
16	48 hours	1 mark							
17	5 pens	1 mark							
18	<table border="1"> <tr> <td>Has straight sides</td> <td>Has curved sides</td> </tr> <tr> <td>hexagon</td> <td>circle</td> </tr> <tr> <td>rectangle</td> <td>oval</td> </tr> </table>	Has straight sides	Has curved sides	hexagon	circle	rectangle	oval	1 mark	
Has straight sides	Has curved sides								
hexagon	circle								
rectangle	oval								
19	2 x 100g + 50g and 100g + 3 x 50g 	1 mark							
20	85 - 7 = 78	1 mark							
21	26 children	2 mark	2 marks for correct answer 1 mark for correct calculation with one error in calculation e.g. 14 + 15 = incorrect incorrect - 3 = correctly calculated						
22	5 x 3 and 3 x 5	2 marks	2 marks for both 1 mark for 1 correct or 2 correct and 1 incorrect						
23	$\frac{1}{2}$ and $\frac{2}{4}$	1 mark	1 mark for both circled						
24	cylinder 0, square based pyramid 1, cube 6	1 mark	1 mark for all 3 correct.						
25	4 biscuits	2 marks	2 marks for correct answer 1 mark for correct calculation with one error in calculation e.g. 24 ÷ 3 = incorrect answer incorrect answer + 2 = correctly calculated						

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Answers

26a	82p	1 mark	
26b	20p, 20p, 20p, 10p, 10p, 1p, 1p	1 mark	
27		1 mark	Arrow can be drawn anywhere on page.
28	ninety-seven	1 mark	
29	5p	1 mark	
30a	Vanilla block to 11	1 mark	
30b		1 mark	