Year 2
Block 3 Assessment
Paper 1
(Answers after each question)
Mental Maths Questions

The first 4 questions in this assessment are to be given orally to the whole class/group.
Write the matching number for number **SEVEN**.
7
Write the number that comes next.

19...
Answers

20
Write the number that comes before 15
How many tens in 47
Answers

4
Written test
Question 5

Join each sun to the correct total.
Answers
Join each number to the matching label

- 5: 1 ten no units
- 19: 5 units
- 10: 2 tens 4 units
- 24: 1 ten 9 units
Answers

- 1 ten no units
- 5 units
- 2 tens 4 units
- 1 ten 9 units
Question 7

Write how many sides?
Answers

- M: 5 sides
- L: 6 sides
Question 8

Match each solid to the shape of its faces. Some have more than one kind.

triangular  rectangular  circular
Answers

triangular  rectangular  circular
Find the difference between the numbers in each pair.

<table>
<thead>
<tr>
<th>number</th>
<th>10</th>
<th>14</th>
<th>20</th>
<th>9</th>
<th>11</th>
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<tr>
<td>difference</td>
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<td>10</td>
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<td>4</td>
<td>9</td>
<td>7</td>
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Question 10

Some of the numbers on part of a 100 square are missing. Write them in.
<table>
<thead>
<tr>
<th>43</th>
<th>44</th>
<th>45</th>
<th>46</th>
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</thead>
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<td>75</td>
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<td></td>
<td>85</td>
<td>86</td>
<td>87</td>
</tr>
</tbody>
</table>
Add these two numbers.

23 + 14 = __________

Show how you did it.
Any written strategy
Percy Penguin will only eat fish with odd numbers on them. Write the numbers in his tummy.
Question 13

This counting machine adds 50 to any number. Write the number that comes out of the machine.

What number will come out if 23 goes in?
What number will come out if 23 goes in?

73
Question 14

Use the numbers in the addition sentence to make a subtraction sentence.

\[ 16 + 12 = 28 \]

\[ \text{subtract} \]
$$\begin{align*}
16 & \text{ plus } 12 = 28 \\
28 & \text{ subtract } 16 = 12 \\
16 & \text{ plus } 12 = 28 \\
28 & \text{ subtract } 12 = 16
\end{align*}$$
Question 15

Match the stars that total 10. Colour 2 stars with a difference of 5.
Answers

Stars of the same colour have a difference of 5.
How many millilitres of water are in the jug?
400 ml
I am a 2D shape. I have 3 sides and 3 corners.
Triangle
I am a 3D shape. I have 2 square faces and 4 rectangular faces. I am a
cuboid
Draw a 2D shape that has more than 4 sides but less than 7 sides. Name your shape.
Pentagon or hexagon
Question 18

Put these numbers into the function machines. What numbers come out?

8  14  4  12

In  In

Double  Halve

Out  Out
Answers

8 → 16 → 28 → Out
14 → Double → 28 → Out

4 → Halve → 2 → Out
12 → 4 → 7 → Out
Question 19

Fill in the missing numbers.

How many tens in 70?

5 multiplied by 2 is

10 lots of 5

4 x 5 =
How many tens in 70? 7

5 multiplied by 2 is 10

10 lots of 5 50

4 x 5 = 20
Peter bought 3 ice-creams at 15p each.

Draw the change he would get from 50p.
Answers

5p
Class 2 went on a trip to the fair. This is what it cost for some of the rides.

35p  20p  45p  50p  £1

Sally went for a ride on the train and the boat. How much did she spend altogether?
Answers

65p Change
Joe paid for a ride on bus with 3 coins. Draw the coins he used.
Answers

20p
10p
5p
How much would it cost to go on all of the rides?

£
£2.50
Question 22

Fill in the missing numbers.

3  6  12  

21  24
Answers

3 6 9 12 15 18 21 24 27
Question 23

Draw a line from the numbers to the correct box or boxes.

50

Multiple of 10

45

Multiple of 2

36

Multiple of 5

70

32
Answers

50

Multiple of 10

45

Multiple of 2

36

70

Multiple of 5

32
Write a number on each blank card so that the numbers are in order.

75  [ ]  [ ]  96  [ ]  105
Answers

Any number between 75 and 95 in the first 2 boxes
Any number between 96 and 105 in the last box.
Question 25

Match these numbers to the nearest 10.

48  70
69  60
89  50
57  90
Write the missing answer.

32 + 19 = △

Show how you worked it out
32 + 19 = 51
Show how you worked it out
Draw a line of symmetry on this flower.
Any line is correct
Use numbers 1 to 5 in the circles so that the difference between each pair of joined numbers is more than 1.
An examples are
1 3 5 2 4
or
1 4 2 5 3
or
5 2 4 1 3
There are many other answers...
<table>
<thead>
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<th>Question Number</th>
<th>N.C Levels</th>
<th>Answers</th>
<th>Comments</th>
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<td>1 mark</td>
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<td>4</td>
<td>2c</td>
<td>4</td>
<td>1 mark</td>
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<td>5</td>
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<td>Suns correctly matched</td>
<td>2 mark for all correct 1 for 2 or more correct</td>
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<tr>
<td>6</td>
<td>2c</td>
<td>Correctly matched to labels</td>
<td>2 marks for all correct 1 for 2 or more</td>
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<td>7</td>
<td>2c</td>
<td>5 sides 6 sides</td>
<td>2 marks</td>
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<td></td>
<td></td>
<td>5 sides</td>
<td>6 sides</td>
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<tr>
<td>7</td>
<td>2c</td>
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<td>3c</td>
<td>Shapes correctly matched</td>
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<td>85, 86, 87</td>
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<td>37 Any written strategy</td>
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<td>17, 23, 11, 19</td>
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<td>97, 73</td>
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<td>28-12=16, 28-16=12</td>
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<td>15</td>
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<td>(10,0) (9,1) (8,2) (7,3) (6,4) (5,5) Any of these coloured (10,5) (9,4) (8,3) (7,2) (6,1) (5,0)</td>
<td>1 mark 1 mark</td>
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<td>Triangle, cuboid, Pentagon or hexagon</td>
<td>1 mark for each (4)</td>
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<td>50 45 36 70 32</td>
<td>2 marks for all correct 1 mark for 2 correct</td>
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<td>Any number between 75 and 95 in the first 2 boxes Any number between 96 and 105 in the last box</td>
<td>2 marks all correct 1 mark for at least 2</td>
</tr>
<tr>
<td>25</td>
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<td>48 69 89 57 70 60 50 90</td>
<td>2 marks all correct 1 mark for at least 2 correct</td>
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<tr>
<td>26</td>
<td>3c</td>
<td>Any written explanation</td>
<td>2 marks for correct answer and method 1 mark correct method</td>
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<td>27</td>
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<td>Accept any line of symmetry</td>
<td>1 mark</td>
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<td>28</td>
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<td>Eg. 1 3 5 2 4</td>
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<tr>
<td>Year 2</td>
<td>Block 3 Assessment</td>
<td>Part 1</td>
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