Year 2
Block 1 Assessment
Paper 1
(Answers after each question)
**Fill in the missing numbers.**

<p>| | | | | | | |</p>
<table>
<thead>
<tr>
<th></th>
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</tr>
</thead>
<tbody>
<tr>
<td>a. $6 \times 6 =$ &amp; f. $56 = 7 \times$</td>
<td>b. $7 \times 7 =$ &amp; g. $63 = 9 \times$</td>
<td>c. $8 \times 8 =$ &amp; h. $8 \times 6 =$</td>
<td>d. $9 \times 9 =$ &amp; i. $9 \times$ = 72</td>
<td>e. $7 \times$ = 42 &amp; j. $\underline{\hspace{2cm}} \times 6 = 54$</td>
<td></td>
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<tr>
<td></td>
<td>Calculation</td>
<td>Answer</td>
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<tr>
<td>a</td>
<td>$6 \times 6$</td>
<td>$36$</td>
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<tr>
<td>b</td>
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<td>$49$</td>
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<td>c</td>
<td>$8 \times 8$</td>
<td>$64$</td>
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<tr>
<td>d</td>
<td>$9 \times 9$</td>
<td>$81$</td>
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<tr>
<td>e</td>
<td>$7 \times \underline{6}$</td>
<td>$42$</td>
<td></td>
<td></td>
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</tr>
<tr>
<td>f</td>
<td>$56 = 7 \times \underline{8}$</td>
<td></td>
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<tr>
<td>g</td>
<td>$63 = 9 \times \underline{7}$</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>h</td>
<td>$8 \times 6$</td>
<td>$48$</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>i</td>
<td>$9 \times \underline{8}$</td>
<td>$72$</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>j</td>
<td>$\underline{9} \times 6$</td>
<td>$54$</td>
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</tbody>
</table>
What is the cost of

a. 8 pears _______ p
b. 7 grapes _______ p
c. 7 pears _______ p
d. 4 grapes _______ p
e. 9 oranges _______ p
f. 8 apples _______ p
g. 7 oranges _______ p
h. 9 apples _______ p
What is the cost of

a. 8 pears _____ 56 p
b. 7 grapes _____ 63 p
c. 7 pears _____ 49 p
d. 4 grapes _____ 36 p
e. 9 oranges _____ 72 p
f. 8 apples _____ 48 p
g. 7 oranges _____ 56 p
h. 9 apples _____ 54 p
Calculate

587 + 475 + 797 + 546 + 7587 + 675 +
587 + 475 = 1062
797 + 546 = 1343
7587 + 675 = 8262
Question 4

Calculate

754
86 -

724
386 -

9324
6177 -
Look at the map which shows distances between towns in kilometres.

a. What is the distance from St Ives to London? Show your working out.
b. It is 527km from London to Carlisle. What is the distance from Birmingham to Carlisle? Show your working out.
512km – any method of working

348km – any method of working
Find the total of 57 562 and 2187.
Show your working out.
2806 – any method of working
What is 127 x 7?

Show your working
889 – any method of working
What is 235 x 8?

Show your working
1880 – any method of working
What is 346 x 9?
Show your working
3114 – any method of working
Bill saved £7 every week for one year. How much did he save? Show your working
£364 – any method of working
Gerry bought nine 26 pence stamps. How much did they cost? Show your working
£2.34 – any method of working
Draw three lines to match the words to the correct triangle.

- Right Angled Triangle
- Equilateral Triangle
- Scalene Triangle
- Isoceles Triangle
Use a ruler to measure these lines

a. [Blank line]

b. [Blank line]

c. [Blank line]

d. Use a ruler to draw a straight line 72mm long. Start from the dot.
You will need to measure it on the board.

On paper version - a) 66mm b) 37mm c) 54mm

Check actual measurement. Allow 1mm either way.
a. Mark the position (with x) to complete the square.

b. What are the co-ordinates of position C? (_____,_____)
a. Mark the position (with x) to complete the square.
b. What are the co-ordinates of position C? (5, 1)
This bar line chart shows how many times each number was thrown when a dice was rolled 50 times.

a. How many times was the number 3 thrown?
a) 8
This bar line chart shows how many times each number was thrown when a dice was rolled 50 times.

b. Which number was rolled most often?
b) 5
A group of children weighed themselves. Look at their records.

a. Which was the most common mass? (mode)
a) 33kg
A group of children weighed themselves. Look at their records.

<table>
<thead>
<tr>
<th>Child</th>
<th>Mass</th>
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<tbody>
<tr>
<td>Bill</td>
<td>31kg</td>
</tr>
<tr>
<td>Pam</td>
<td>30kg</td>
</tr>
<tr>
<td>Will</td>
<td>32kg</td>
</tr>
<tr>
<td>Sam</td>
<td>33kg</td>
</tr>
<tr>
<td>Carl</td>
<td>34kg</td>
</tr>
<tr>
<td>Jill</td>
<td>33kg</td>
</tr>
<tr>
<td>Roy</td>
<td>37kg</td>
</tr>
<tr>
<td>Sue</td>
<td>32kg</td>
</tr>
<tr>
<td>Phil</td>
<td>33kg</td>
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</table>

b. Who had a mass greater than 35kg?
b) Roy
<table>
<thead>
<tr>
<th>Question</th>
<th>N. C. Level</th>
<th>Answer</th>
<th>Marks</th>
<th>Total Marks</th>
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<tr>
<td>1</td>
<td>4B</td>
<td>a) 36</td>
<td>f) 8</td>
<td>2</td>
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<tr>
<td></td>
<td></td>
<td>b) 49</td>
<td>g) 7</td>
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<tr>
<td></td>
<td></td>
<td>c) 64</td>
<td>h) 48</td>
<td></td>
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<tr>
<td></td>
<td></td>
<td>d) 81</td>
<td>i) 8</td>
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<tr>
<td></td>
<td></td>
<td>e) 6</td>
<td>j) 9</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>4B</td>
<td>a) 56p</td>
<td>e) 72p</td>
<td>2</td>
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<tr>
<td></td>
<td></td>
<td>b) 63p</td>
<td>f) 48p</td>
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<tr>
<td></td>
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<td>c) 49p</td>
<td>g) 56p</td>
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<tr>
<td></td>
<td></td>
<td>d) 36p</td>
<td>h) 54p</td>
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<tr>
<td>3</td>
<td>3A</td>
<td>1062, 1343, 8262</td>
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<tr>
<td>4</td>
<td>3A</td>
<td>668, 338, 3147</td>
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<td>5a</td>
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<td>512km – any method of working</td>
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<td>348km – any method of working</td>
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<td>2806 – any method of working</td>
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</tr>
</tbody>
</table>
| 7a | 4B | 889 – any method of working | Correct answer – 2 marks  
Correct method – 1 mark |
| 7b | 4B | 1880 – any method of working | Correct answer – 2 marks  
Correct method – 1 mark |
| 7c | 4B | 3114 – any method of working | Correct answer – 2 marks  
Correct method – 1 mark |
| 7d | 4B | £364 – any method of working | Correct answer – 2 marks  
Correct method – 1 mark |
| 7e | 4B | £2.34 – any method of working | Correct answer – 2 marks  
Correct method – 1 mark |
| 8  | 3A | Equilateral – 3rd from top  
Isosceles – Top  
Scalene - Bottom | All correct – 1 mark |
| 9  | 3A | a) 66mm  
b) 37mm  
c) 54mm  
Check actual measurement. Allow 1mm either way | All correct – 2 marks  
3 correct – 1 mark |
| 10 | 4B | a) 5, 4  
b) 5, 1 | 1 mark for each correct part |
| 11 | 3A | a) 8  
b) 5 | All correct – 1 mark |
| 12 | 4C | a) 33kg  
b) Roy | 1 mark for each correct part |
### Y5 Block 1 Assessments Sections A & B

**Guide to Levels**

<table>
<thead>
<tr>
<th></th>
<th>B3</th>
<th>3C</th>
<th>3B</th>
<th>3A</th>
<th>4C</th>
<th>4B</th>
<th>4A</th>
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<tr>
<td></td>
<td>0 – 11</td>
<td>12 – 18</td>
<td>19 – 25</td>
<td>26 - 32</td>
<td>33 – 41</td>
<td>42 – 50</td>
<td>51 - 56</td>
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</table>

Total Marks A + B = 56
Click here for the printable student test for Year 5 Block 1 test.
References and additional resources.

The questions and ideas for this PowerPoint came from:
Wigan LEA Numeracy Centre
Year1 Block 1 Assessment

Thank You

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All the planning for this unit can be found at:
http://www.wiganschoolsonline.net/curriculum/maths/assess.shtm

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