For questions 1 to 6, circle the correct answer.

1. What is the largest number that can be made with the digits 3, 7, 4, 2?
   a) 7432
   b) 7324
   c) 7243
   d) 2347

2. 564 has the same value as
   a) Five, six, four
   b) Five sixes and four units
   c) Five hundreds, six tens and four units
   d) Fifty six and four units

3. The value of the 5 in 3502 is
   a) five
   b) fifty
   c) five hundred
   d) nothing

4. You can write 700 + 50 + 6 as
   a) 700 506
   b) 756
   c) 705 060
   d) 7506

5. What number is missing in this pattern?
   50, 46, 42, ___, 34, 30
   a) 40
   b) 38
   c) 36
   d) 37

6. Which of these statements is true?
   a) 56 is one more than 46
   b) 56 is one hundred less than 106
   c) 256 is one hundred less than 356
   d) 350 is ten less than 370
For questions 1 to 6, circle the correct answer.

1. The fraction of the shape which is shaded light grey is:
   a) \( \frac{1}{8} \)
   b) \( \frac{1}{2} \)
   c) \( \frac{1}{4} \)
   d) \( \frac{6}{8} \)

2. Circle all the fractions that are equivalent to \( \frac{1}{2} \). There may be more than one correct answer.
   a) \( \frac{2}{4} \)
   b) \( \frac{5}{10} \)
   c) \( \frac{2}{1} \)
   d) \( \frac{4}{8} \)

3. I have 20 dollars.
   I give \( \frac{1}{4} \) of my money to my friend.
   I give my friend
   a) 10 dollars
   b) 5 dollars
   c) 15 dollars
   d) 4 dollars

4. The pointer is showing
   a) \( \frac{3}{4} \)
   b) \( \frac{1}{2} \)
   c) \( \frac{3}{4} \)

5. A chocolate bar is divided into 12 equal pieces.
   4 people share the bar.
   How many pieces do they get each?
   a) 3
   b) 4
   c) 6
   d) 1

6. If I halve 35 the answer is
   a) 18
   b) 17
   c) 16
   d) 17\( \frac{1}{2} \)

7. Sort these fractions into two groups, and write down how you sorted them.

   \( \frac{3}{8} \) \( \frac{1}{2} \) \( \frac{1}{4} \) \( \frac{2}{3} \) \( \frac{5}{8} \) \( \frac{2}{2} \) \( \frac{5}{10} \) \( \frac{2}{8} \) \( \frac{3}{4} \) \( \frac{3}{4} \) \( \frac{5}{4} \) \( \frac{8}{8} \)

   Can you find a different way of sorting them?
Resource sheet 3

For questions 1 to 7, circle the correct answer.

1. There are 6 groups of 4 students. Altogether there are
   a) 12 students
   b) 16 students
   c) 24 students
   d) 64 students

2. What number is missing?
   a) 20 – ____ = 9
   b) 11
   c) 1
   d) 9
   e) 19

3. Tick (✓) EACH statement that is true.
   a) 36 is a multiple of 4
   b) 36 is a multiple of 3
   c) 36 is an odd number
   d) 36 is double 18

4. Tick (✓) EACH statement that is true.
   a) 360 is a multiple of 10
   b) 360 is a multiple of 5
   c) 360 is an odd number
   d) 360 is double 180

5. What is the missing number in this sequence?
   65, 70, 75, ____ , 85, 90
   a) 76
   b) 77
   c) 80
   d) 82

6. What is the missing number?
   300 + ____ = 1000
   a) 7
   b) 70
   c) 700
   d) 7000

7. For each different starting number below, write a sequence of 4 numbers by doubling each time.
   a) 7
   b) 13
   c) 45
   d) 50
<table>
<thead>
<tr>
<th>Question</th>
<th>Answer 1</th>
<th>Answer 2</th>
<th>Answer 3</th>
</tr>
</thead>
<tbody>
<tr>
<td>Who has $67 + 32$?</td>
<td>I have 99.</td>
<td>I have 72.</td>
<td>I have 72.</td>
</tr>
<tr>
<td>Who has $54 + 18$?</td>
<td>I have 868.</td>
<td>I have 611.</td>
<td>I have 611.</td>
</tr>
<tr>
<td>Who has $633 − 22$?</td>
<td>I have 114.</td>
<td>I have 133.</td>
<td>I have 133.</td>
</tr>
<tr>
<td>Who has $75 + 39$?</td>
<td>I have 176.</td>
<td>I have 148.</td>
<td>I have 148.</td>
</tr>
<tr>
<td>Who has $98 + 50$?</td>
<td>I have 324.</td>
<td>I have 83.</td>
<td>I have 83.</td>
</tr>
<tr>
<td>Who has $543 − 89$?</td>
<td>I have 38.</td>
<td>I have 164.</td>
<td>I have 164.</td>
</tr>
<tr>
<td>Who has $114 + 42$?</td>
<td>I have 13.</td>
<td>I have 498.</td>
<td>I have 498.</td>
</tr>
<tr>
<td>Who has $119 + 42$?</td>
<td>I have 25.</td>
<td>I have 348.</td>
<td>I have 348.</td>
</tr>
<tr>
<td>Who has $999 − 60$?</td>
<td>I have 528.</td>
<td>I have 102.</td>
<td>I have 102.</td>
</tr>
<tr>
<td>Who has $62 + 40$?</td>
<td>I have 570 − 42?</td>
<td>I have 570 − 42?</td>
<td>I have 570 − 42?</td>
</tr>
</tbody>
</table>
For questions 1 to 6, circle the correct answer.

1. $24 + 37 =$
   a) 41
   b) 51
   c) 61
   d) 11

2. $524 - 8 =$
   a) 16
   b) 416
   c) 516
   d) 518

3. $5 + 7 + 3 + 5 + 2 =$
   a) 20
   b) 22
   c) 34
   d) 24

4. The difference between 36 and 29 is
   a) One is even and one is odd
   b) Impossible
   c) 7
   d) 10

5. How many 20¢ coins do you need to make $3?
   a) 3
   b) 5
   c) 10
   d) 15

6. $63 + ? = 100$
   a) 37
   b) 27
   c) 47
   d) 43

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For questions 1 to 6, circle the correct answer.

1. 6 groups of 5 cakes is
   a) 65 cakes
   b) 11 cakes
   c) 30 cakes
   d) 35 cakes

2. There are 39 pencils to share between 3 friends. They will get
   a) 10 each
   b) 5 each
   c) 13 each
   d) 12 each

3. \(16 \times 5\) is the same as
   a) \(10 \times 5\) plus 6
   b) \(10 \times 6\) plus 5
   c) \(10 \times 5\) plus \(6 \times 5\)
   d) 65

4. In a field of cows there are 60 legs. How many cows are there?
   a) 15
   b) 12
   c) 14
   d) 13

5. 3 people share 14 cakes equally. How many are left over?
   a) 1
   b) 2
   c) 3
   d) 0

6. I know that \(18 \times 4 = 72\). That means
   a) \(18 \times 72 = 400\)
   b) \(72 \div 18 = 4\)
   c) \(4 \times 72 = 180\)
   d) \(40 \times 72 = 180\)

7. Write down four multiplication and division facts about this array.
In questions 1 to 6, circle all the statements that are true.

1. A regular shape
   a) is always square
   b) has an even number of sides
   c) has the same shaped sides
   d) has sides that are all the same length

2. A semicircle is
   a) the top part of a circle
   b) any slice of a circle
   c) half of a circle
   d) any curved line

3. A hexagon
   a) always has 6 vertices
   b) can have 4 vertices
   c) can have 6 right angles
   d) cannot have 2 right angles

4. This shape is a
   a) pyramid
   b) triangular-based pyramid
   c) triangular prism
   d) isosceles triangle

5. You know this is a pyramid because
   a) it has corners
   b) some of the faces meet at a point.
   c) it has flat faces
   d) it is tall

6. If you look at a cylinder from directly above you see
   a) a circle
   b) an oval
   c) a straight line
   d) a square
Resource sheet 7

For questions 1-3, circle the correct answer.

1. Which of these statements are true?
   a) The white block is outside the tower
   b) The dotted block is under the striped block
   c) I move left from the dotted block to get to the striped block
   d) The black block is under the dotted block

2. To start at Westerdale and end in Whitby I move:
   a) 3 squares to the right
   b) 1 square up
   c) 3 squares to the right, then 1 square up
   d) To the left

   Whitby is in square
   a) E3  b) D3  c) 34  d) E4

4. Circle all of the statements below that are true.
   a) A right angle is equal to a quarter turn
   b) Two right angles are equal to a whole turn
   c) Two right angles are equal to a straight line
   d) To make a right angle you must always turn clockwise

5. Circle all of the diagrams below which show a right angle.

   a)  
   b)  
   c)  
   d)  

6. Complete this table by drawing at least two objects in each row.

<table>
<thead>
<tr>
<th>Objects that make a right angle</th>
<th>Objects that make less than a right angle</th>
<th>Objects that make more than a right angle</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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For questions 1 to 6, circle the correct answer.

1. What is the weight of these vegetables?
   a) 1 kg
   b) 700 g
   c) \( \frac{1}{2} \) kg
   d) 700 kg

2. How many full cups of water would it take to fill a 1 litre jug? (A cup contains 200 millilitres.)
   a) 3
   b) 5
   c) 10
   d) 100

3. Container A holds 300 millilitres.
   Container B holds \( \frac{1}{2} \) litre.
   Container C holds 40 millilitres.
   Container D holds 1 litre.
   The order of containers from smallest to largest is
   a) A B C D
   b) C A B D
   c) D C B A
   d) B D C A

4. Measure this line. How long is it?
   a) 5 cm
   b) 58 cm
   c) 6 cm
   d) 7 cm

5. Your little finger is about
   a) 1 cm wide
   b) 5 cm wide
   c) 10 cm wide
   d) 50 cm wide

6. I buy two packets of sweets.
   One costs 25 cents, the other costs 35 cents.
   How much change do I receive from 1 dollar?
   a) 50 cents
   b) 60 cents
   c) 40 cents
   d) 30 cents

7. The distance all the way round a rectangle is called the perimeter.
   Draw four different rectangles with a perimeter of 20 cm.
For questions 1 to 6, circle the correct answer.

1. How many minutes are there in a day?
   a) 60
   b) 3600
   c) 52
   d) 1440

2. What time does the clock show?
   - 8:35
   - 08:35
   - 20:35
   - 22:35

3. What time is shown?
   a) 16:25

4. I go to sleep at 10.00 at night and wake up at 6.30 the next morning. How long am I asleep for?
   a) 7 hours 30 minutes
   b) 8 hours
   c) 8 hours 30 minutes
   d) 6 hours 30 minutes

5. My birthday is on June 15th. It is June 2nd today. How many days until my birthday?
   a) 13
   b) 15
   c) 14
   d) 12

6. My friend’s birthday is 15 days after mine. My birthday is July 25th. When is my friend’s birthday?
   a) July 40th
   b) July 30th
   c) August 9th
   d) August 10th

7. Write down how many days there are in each month.
   - a.m.
   - p.m.

Is there an easy way to remember this?
For questions 1-6, circle the correct answer.

1. Which letter appears most in this sentence?
   DATA HANDLING IS VERY USEFUL
   a) A  
b) E  
c) I  
d) O  
e) U

2. What number does this tally represent?
   ||||
   a) 14  
b) 10  
c) 12  
d) 2.2

3. This Carroll diagram shows how a class like to spend their free time.

<table>
<thead>
<tr>
<th></th>
<th>Play computer games</th>
<th>Play outside</th>
</tr>
</thead>
<tbody>
<tr>
<td>Boys</td>
<td>9</td>
<td>5</td>
</tr>
<tr>
<td>Girls</td>
<td>7</td>
<td>8</td>
</tr>
</tbody>
</table>

   How many girls were asked?
   a) 13  
b) 15  
c) 14  
d) 12

4. From the information in question 3, how many people like to play outside?
   a) 13  
b) 15  
c) 14  
d) 12

5. How does my class travel to school?

<table>
<thead>
<tr>
<th>Number of students</th>
</tr>
</thead>
<tbody>
<tr>
<td>Walk</td>
</tr>
<tr>
<td>0</td>
</tr>
</tbody>
</table>

   What is the most popular method of travel to school?
   a) Walk  
b) Car  
c) Bus  
d) Bicycle

6. Use the bar chart from question 5.
   What method of travel do the fewest students use?
   a) Walk  
b) Car  
c) Bus  
d) Bicycle

7. Use the bar chart from question 5 to write down three facts about the methods of travel to school.
   __________________________________________
   __________________________________________
   __________________________________________
   __________________________________________