

# Place value of whole numbers

To achieve 100 you need to:

- ★ know the **place value** of digits in whole numbers up to 1,000,000 and begin to know the place value of digits in whole numbers up to 10,000,000.

1 Write the value of the digit **9** in each of these numbers.

1,904                      29,456                      4,125,692                      1,932,400

1  
(1 mark)

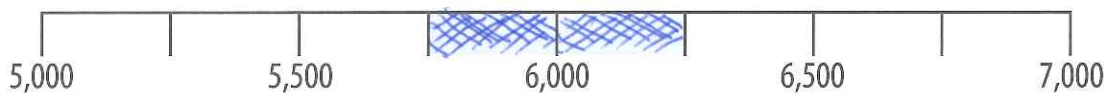
2 Draw lines to match the numbers with the value of the digit shown.

7 thousand	1,233,420
900 thousand	597,302
30 thousand	3,095,799
3 million	979,200

2  
(2 marks)

3 Use **all** of the digit cards to make **two** different numbers that can be placed on the shaded part of this number line. You can only use each card once.

0     1     3     4     5     6     7     8       



3  
(1 mark)

4 Circle the **two** numbers that have a difference of 20,000

134,200    3,463,400    3,263,400    136,200    3,483,400

4  
(1 mark)

5 Asha subtracts two numbers from the value shown on the calculator.



Her calculator display then reads 6,000,803  
The first number she subtracted was 400,000  
What was the second number?

5  
(1 mark)

**! Top tip**

- Find the missing values on a number line first.

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# Comparing and ordering whole numbers

To achieve 100 you need to:

- ★ use place value of digits in whole numbers to compare and order numbers up to 1,000,000
- ★ begin to work with numbers up to 10,000,000.

1 Write in the missing sign  $<$ ,  $>$  or  $=$  to make each statement true.

i)  $34,601$    $34,599$     ii)  $709,898$    $709,988$

1  
(1 mark)

2 Write these masses in order from **heaviest** to **lightest**.

$94,500\text{g}$     $940,500\text{g}$     $904,500\text{g}$     $9,500\text{g}$     $95,400\text{g}$

**heaviest** **lightest**

2  
(1 mark)

3 Choose a missing digit for each number so that they are in order from **smallest** to **largest**.

Write the digits in the boxes.

$2,5$    $0,500$      $2,519,$    $85$      $2,$    $05,250$      $2,60$    $,125$   
**smallest** **largest**

3  
(1 mark)

4 This table shows the total number of visitors to the zoo each year.

2009	2010	2011	2012	2013	2014
695,099	695,100	607,313	700,995	670,133	617,113

4  
(1 mark)

Write the years in the correct order in the table below. One has been done for you.

Greatest number of visitors	Year
	2012
Fewest number of visitors	

**! Top tip**

- When comparing numbers, write the numbers in place value columns and make sure the columns line up.

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