

Year group:	5
Type of test:	End of Half Term
Term:	Autumn 1
Test content:	Reasoning
Power Maths topic:	Book 5A, Units 1-3
Test duration:	30 minutes

Name: \_\_\_\_\_

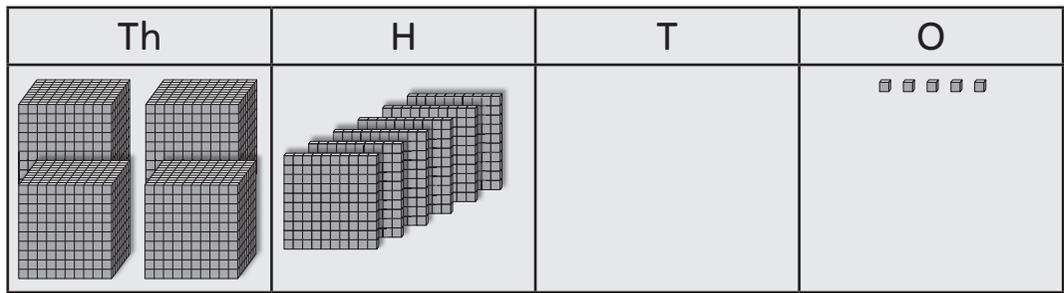
Class: \_\_\_\_\_

Date: \_\_\_\_\_



1

What number is shown on this grid?



[1 mark]

2

What date is shown on this coin in Roman numerals?



[1 mark]



3

Put these numbers in order, starting with the smallest.

54,205

56,864

7,950

54,025

48,399



[1 mark]

4

What is six hundred more than three hundred thousand?  
Write your answer in numbers.



[1 mark]



5

Round 51,102 to the nearest 10,000.



[1 mark]

6

What are the next two terms in this sequence?

300

260

220



[1 mark]

7

A YouTube video had 39,275 views on the first day. On the second day it had 42,457 views.

How many views did it have in total over the two days?



[1 mark]

8

What number is 70 more than five hundred thousand?  
Write your answer in numbers.



[1 mark]



9



a) What is the total cost of all three cars?



[1 mark]

b) How much more does the family car cost than the sports car?



[1 mark]

**10** Ben is rounding to the nearest **10,000**.

a) What is the **smallest** whole number he can round to 80,000?



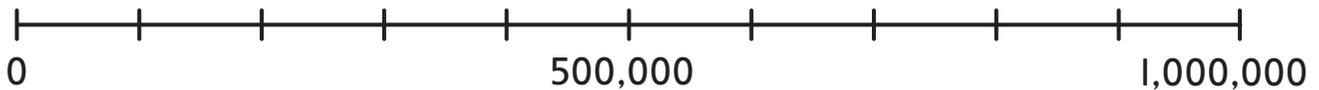
[1 mark]

b) What is the **largest** whole number he can round to 80,000?



[1 mark]

**11** Draw an arrow pointing to 650,000.



[1 mark]



**12** The temperature in Moscow is  $-8^{\circ}\text{C}$ .  
The temperature in Mumbai is  $35^{\circ}\text{C}$ .

What is the difference in the temperatures?

  $^{\circ}\text{C}$ 

[1 mark]

**13** 376,208 is 100,000 more than which number?



[1 mark]

**14** Write the year 2018 in Roman numerals.



[1 mark]

**15** Reena thought of a number. She subtracted 28 and then added 54. She now had 102.

What was Reena's starting number?



[1 mark]

**16** A plane used 20,273 litres of fuel on its outward journey. On the return journey it used 19,089 litres.

How many litres did it use in total?



[1 mark]



**17** 4 children were doing a sponsored walk. Together, they needed to walk 10,000 metres. Sofia walked 2,274 m, Olivia walked 2,865 m, and Amal walked 2,491 m.

How far did Danny have to walk to reach the target of 10,000 m?

 m

[2 marks]

**18** Write the next two terms in this sequence.

12

7

2



[2 marks]



**19** Old Stanley Football Stadium holds 74,994 people.

The Sarrou Stadium holds 55,097 people.

On Sunday, there are 1,200 **empty** seats at Old Stanley Stadium and 10,550 **empty** seats at the Sarrou Stadium.

How many people are at the two football matches in total?



Show your method

[2 marks]

**20** Three numbers total 400,000. One number is 107,219.

Write two numbers that could make the correct total.



Show your method

[2 marks]

