Name: _____

ASM Tuition Academy

PLACE VALUE

Instructions:

- Use **black** ink or ball-point pen.
- Answer all the questions.
- Answer the questions in the spaces provided
  - there may be more space than you need.
- Diagrams are **NOT** accurately drawn, unless otherwise indicated.
- You must **show all you're working out.**

Information:

- The marks for each question are shown in brackets
  - use this as a guide as to how much time to spend on each question.

Advice:

- Read each question carefully before you start to answer it.
- Keep an eye on time.
- Try to answer every question.
- Check your answers if you have time at the end.

Q1. Write down the value of the 7 in the number 672.

(Total for Question 1 is 1 mark)

Q2. Write down the value of the 4 in the number 495.3.

(Total for Question 2 is 1 mark)

Q3. Write down the value of the 2 in the number 2071.

(Total for Question 3 is 1 mark)

Q4. Write down the value of the 5 in the number 8056.

(Total for Question 4 is 1 mark)

Q5. Write down the value of the 8 in the number 309.8.

(Total for Question 5 is 1 mark)

Q6. Write down a 5-digit number that has 6 as its thousands digit. You can only use the digit 6 once.

(Total for Question 6 is 1 mark)

Q7. Write down a 6-digit number that has 9 as its hundreds digit. You can only use the digit 9 once.

(Total for Question 7 is 1 mark)

Q8. Write down a 4-digit number that has 8 as its tens digit. You can only use the digit 8 once.

(Total for Question 8 is 1 mark)

Q9. Write the number 3 million in figures.

(Total for Question 9 is 1 mark)

Q10. Write the number 4.7 million in figures.

(Total for Question 10 is 1 mark)

Q11. Here are 4 number cards:

4   9   1   6

(a) Write down the largest three-digit number that can be made using these cards.

(b) Arrange the cards to give the smallest possible answer to the sum: __+____+__

(Total for Question 11 is 2 mark)

Q12. Write these numbers in ascending order (smallest to biggest):

125, 142, 189, 135, 150

(Total for Question 12 is 1 mark)

Q13. Here are 4 number cards:

2   8   2   6

(a) Write down the smallest four-digit number that can be made using these cards.

(b) Arrange the cards to give the largest possible answer to the sum:

__+____+

(Total for Question 13 is 2 mark)

Q14. Write these numbers in ascending order:

0.42, 0.402, 0.24, 0.204, 0.042

(Total for Question 14 is 1 mark)

Q15. Write these numbers in ascending order:

2.7, 2.07, 2.6, 2.63, 2.673

(Total for Question 15 is 1 mark)

Q16. Write these numbers in ascending order:

4.3, 4.38, 4.83, 4.803, 4.03

(Total for Question 16 is 1 mark)