1.1 Reasoning: Number and Place Value: 10-minute Pack

STA KS2 National Curriculum Mathematics - STA Reasoning Test Framework · Calculators not allowed · about 10 minutes

Total Marks

Name: _____ Date: ____ / ____ / _____

Answer ALL questions. Show all your working.

1 Write the number six thousand two hundred and nine in figures.

(1)

2 Look at the number 8,436.

(a) Round 8,436 to the nearest 10. **(1)**

(b) Round 8,436 to the nearest 100. **(1)**

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3 Using each of the digits 2, 0, 7 and 5 exactly once, form four-digit numbers.

(a) Write the largest possible number. **(1)**

(b) Write the smallest possible number that does not start with zero. **(1)**

(c) Calculate the difference between your answers to a) and b). **(1)**

.....

4 A number rounds to 72,000 when rounded to the nearest 1,000.

(a) What is the smallest whole number it could be? **(1)**

.....

(b) What is the largest whole number it could be? **(2)**

.....

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Mark scheme · 1.1 Reasoning: Number and Place Value: 10-minute Pack

Question 1

6209 cao **B1**

Answer: **6209**

Question 2

(a) 8440 cao **B1**

(a) Answer: **8440**

(b) 8400 cao **B1**

(b) Answer: **8400**

Question 3

(a) 7520 cao **B1**

(a) Answer: **7520**

(b) 2057 cao **B1**

(b) Answer: **2057**

(c) 5463 cao (ft candidate's values from a and b if consistent) **B1**

(c) Answer: **5463**

Question 4

(a) 71,500 cao **B1**

(a) Answer: **71,500**

(b) recognises 72,500 would round up to 73,000, so the boundary is just below this **M1**

(b) 72,499 cao **A1**

(b) Answer: **72,499**

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