1.9 Place Value to 1000000 and Negative Numbers: 30-minute Pack

Calculators not allowed · about 30 minutes

Total Marks

Name: _____ Date: ____ / ____ / _____

Answer ALL questions. Show all your working.

1 Round 292,977 to the nearest thousand.

Answer: ___

(1)

---

2 Write the number four hundred and seventeen thousand five hundred in digits.

Answer: ___

(1)

---

3 Write the number nine hundred and forty-three thousand three hundred and seven in digits.

Answer: ___

(1)

---

4 What is 100 more than 223,677?

Answer: ___

(1)

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5 What is 10 more than 613,020?

Answer: ___

(1)

---

6 77.8 divided by 10 =

Answer: ___

(1)

---

7 Write 440,895 in words.

Answer: ___

(1)

---

8 Write the number five hundred and eighty-five thousand five hundred and twenty-two in digits.

Answer: ___

(1)

---

9 Write these numbers in order, starting with the smallest.

441,718, 411,491, 427,850, 411,560

Answer: ___

(1)

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10 Write these numbers in order, starting with the smallest.

985,300, 1,013,746, 964,193, 1,003,540

Answer: ___

(1)

---

11 Round 815,721 to the nearest hundred.

Answer: ___

(1)

---

12 Complete the sequence counting through zero: -7, -4, -1, 2, __, __. Continue the pattern for two more terms.

(2)

---

13 Write these numbers in order, starting with the largest.

215,590, 269,634, 246,466, 219,055

Answer: ___

(1)

---

14 Write these numbers in order, starting with the smallest.

659,607, 633,200, 626,113, 688,324

Answer: ___

(1)

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15 Round 186,260 to the nearest hundred.

Answer: ___

(1)

---

16 A number line starts at 2,500 and goes up in equal steps of 500. An arrow points to the 4th mark after the start.

What number does the arrow show?

Answer: ___

(1)

---

17 Find the missing number in this sequence.

7,484, 7,384, 7,284, 7,184, ___, 6,984

Answer: ___

(1)

---

18 A date on a monument is written MCCI. What year is that?

Answer: ___

(1)

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19 Explain your answer: Two buildings are at heights of -12 m and 18 m relative to sea level. Which is further from sea level? Describe how you decide and give the distances.

(3)

20 A charity aims to raise £1,000,000. So far they have raised £986,450. How much more do they need to raise?

(2)

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Mark scheme · 1.9 Place Value to 1000000 and Negative Numbers: 30-minute Pack

Question 1

293,000 cao — **B1**

Answer: **293,000**

Question 2

417,500 cao — **B1**

Answer: **417,500**

Question 3

943,307 cao — **B1**

Answer: **943,307**

Question 4

223,777 cao — **B1**

Answer: **223,777**

Question 5

613,030 cao — **B1**

Answer: **613,030**

Question 6

7.78 cao — **B1**

Answer: **7.78**

Question 7

four hundred and forty thousand eight hundred and ninety-five cao — **B1**

Answer: **four hundred and forty thousand eight hundred and ninety-five**

Question 8

585,522 cao — **B1**

Answer: **585,522**

Question 9

411,491, 411,560, 427,850, 441,718 cao — **B1**

Answer: **411,491, 411,560, 427,850, 441,718**

Question 10

964,193, 985,300, 1,003,540, 1,013,746 cao — **B1**

Answer: **964,193, 985,300, 1,003,540, 1,013,746**

Question 11

815,700 cao — **B1**

Answer: **815,700**

Question 12

recognition of pattern increasing by 3 each step — **M1**

5 and 8 cao — **A1**

Answer: **5, 8**

Question 13

269,634, 246,466, 219,055, 215,590 cao — **B1**

Answer: **269,634, 246,466, 219,055, 215,590**

Question 14

626,113, 633,200, 659,607, 688,324 cao — **B1**

Answer: **626,113, 633,200, 659,607, 688,324**

Question 15

186,300 cao — **B1**

Answer: **186,300**

Question 16

4,500 cao — **B1**

Answer: **4,500**

Question 17

7,084 cao — **B1**

Answer: **7,084**

Question 18

1201 cao — **B1**

Answer: **1201**

Question 19

distance from sea level for one building calculated correctly, e.g. 18 for the positive one or 12 for the negative one — **M1**

distance for the other building calculated correctly — **M1**

clear statement that 18 m is further because 18 > 12 cao — **A1**

Answer: **The building at 18 m is 18 m from sea level and the one at -12 m is 12 m from sea level, so the 18 m building is further from sea level.**

Question 20

correct subtraction method shown: 1,000,000 - 986,450 — **M1**

£13,550 cao — **A1**

Answer: **£13,550**

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