1.9 Place Value to 1000000 and Negative Numbers: 1-hour Pack

Calculators not allowed · about 60 minutes

Total Marks

Name: _____ Date: ____ / ____ / _____

Answer ALL questions. Show all your working.

1 Write the Roman numeral DCCCLXIV as a number.

Answer: ___

(1)

---

2 What is 10 less than 628,410?

Answer: ___

(1)

---

3 Find the missing number in this sequence.

376, 351, 326, ___, 276, 251

Answer: ___

(1)

---

4 What is the result of 200,000 + 65,432?

(1)

© Revision Library | revisionlibrary.co.uk

5 What is the value of the digit 5 in 984,015?

Answer: ___

(1)

---

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

870,061, 857,620, 868,217, 893,495

Answer: ___

(1)

---

7 Complete the partition.

504,964 = 500,000 + ___ + 900 + 60 + 4

Answer: ___

(1)

---

8 Write 221,508 in words.

Answer: ___

(1)

---

9 Find the missing number in this sequence.

6,148, 6,398, 6,648, ___, 7,148, 7,398

Answer: ___

(1)

© Revision Library | revisionlibrary.co.uk

10 Write the number nine hundred and five thousand nine hundred and ten in digits.

Answer: ___

(1)

---

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

923,789, 882,761, 919,728, 934,364

Answer: ___

(1)

---

12 A mountain hut is at 1,320 m above sea level. A valley nearby is at -85 m. What is the difference in height between the hut and the valley?

(2)

---

13 The temperature in Helsinki at 6 am is -2 degrees. By noon it has risen by 7 degrees.

What is the temperature at noon?

Answer: ___ degrees

(1)

---

14 2,834 divided by 10 =

Answer: ___

(1)

© Revision Library | revisionlibrary.co.uk

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

696,861, 709,736, 671,788, 662,140

Answer: ___

(1)

---

16 Round 294,997 to the nearest ten.

Answer: ___

(1)

---

17 Write 380,254 in words.

Answer: ___

(1)

---

18 Write the Roman numeral CDXCV as a number.

Answer: ___

(1)

---

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

-9, 2, 4, -6, -4

Answer: ___

(1)

© Revision Library | revisionlibrary.co.uk

20 Write the Roman numeral DLXIX as a number.

Answer: ___

(1)

---

21 A number line starts at 20 and goes up in equal steps of 10. An arrow points to the 7th mark after the start.

What number does the arrow show?

Answer: ___

(1)

---

22 Find the missing number in this sequence.

822, 813, 804, ___, 786, 777

Answer: ___

(1)

---

23 What is the value of the digit 8 in 350,862?

Answer: ___

(1)

© Revision Library | revisionlibrary.co.uk

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

993,164, 971,454, 1,011,818, 984,001

Answer: ___

(1)

---

25 Write 303,272 in words.

Answer: ___

(1)

---

26 The temperature at 4 pm is -3 degrees. By midnight it has fallen by 5 degrees.

What is the temperature at midnight?

Answer: ___ degrees

(2)

---

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

300,339, 309,259, 306,740, 310,492

Answer: ___

(1)

© Revision Library | revisionlibrary.co.uk

28 Write the number one hundred and eighty-four thousand five hundred and seventy-four in digits.

Answer: ___

(1)

---

29 430.2 divided by 10 =

Answer: ___

(1)

---

30 Complete the partition.

738,195 = 700,000 + 30,000 + 8,000 + 100 + 90 + ___

Answer: ___

(1)

---

31 Round 810,683 to the nearest hundred.

Answer: ___

(1)

---

32 Write the Roman numeral LXXXVII as a number.

Answer: ___

(1)

© Revision Library | revisionlibrary.co.uk

33 Complete the partition.

827,344 = 800,000 + ___ + 7,000 + 300 + 40 + 4

Answer: ___

(1)

---

34 The temperature at 4 pm is 9 degrees. By midnight it has fallen by 16 degrees.

What is the temperature at midnight?

Answer: ___ degrees

(2)

---

35 What is the value of the digit 9 in 362,149?

Answer: ___

(1)

---

36 5,440 x 1,000 =

Answer: ___

(1)

---

37 A date on a monument is written MMXCIV. What year is that?

Answer: ___

(1)

© Revision Library | revisionlibrary.co.uk

38 A number line starts at 50 and goes up in equal steps of 50. An arrow points to the 8th mark after the start.

What number does the arrow show?

Answer: ___

(1)

---

39 What is 10 more than 910,982?

Answer: ___

(1)

---

40 52.9 divided by 1,000 =

Answer: ___

(1)

---

41 Write 39 as a Roman numeral.

Answer: ___

(1)

---

42 Sofia says that when you round 555,499 to the nearest 10,000 you get 560,000. Explain whether she is correct and show your working.

(3)

© Revision Library | revisionlibrary.co.uk

Mark scheme · 1.9 Place Value to 1000000 and Negative Numbers: 1-hour Pack

Question 1

864 cao — **B1**

Answer: **864**

Question 2

628,400 cao — **B1**

Answer: **628,400**

Question 3

301 cao — **B1**

Answer: **301**

Question 4

265,432 cao — **B1**

Answer: **265,432**

Question 5

5 cao — **B1**

Answer: **5**

Question 6

857,620, 868,217, 870,061, 893,495 cao — **B1**

Answer: **857,620, 868,217, 870,061, 893,495**

Question 7

4,000 cao — **B1**

Answer: **4,000**

Question 8

two hundred and twenty-one thousand five hundred and eight cao — **B1**

Answer: **two hundred and twenty-one thousand five hundred and eight**

Question 9

6,898 cao — **B1**

Answer: **6,898**

Question 10

905,910 cao — **B1**

Answer: **905,910**

Question 11

934,364, 923,789, 919,728, 882,761 cao — **B1**

Answer: **934,364, 923,789, 919,728, 882,761**

Question 12

correct method using subtraction across zero, e.g. 1,320 + 85 — **M1**

1,405 cao — **A1**

Answer: **1,405**

Question 13

5 degrees cao — **B1**

Answer: **5 degrees**

Question 14

283.4 cao — **B1**

Answer: **283.4**

Question 15

662,140, 671,788, 696,861, 709,736 cao — **B1**

Answer: **662,140, 671,788, 696,861, 709,736**

Question 16

295,000 cao — **B1**

Answer: **295,000**

Question 17

three hundred and eighty thousand two hundred and fifty-four cao — **B1**

Answer: **three hundred and eighty thousand two hundred and fifty-four**

Question 18

495 cao — **B1**

Answer: **495**

Question 19

-9, -6, -4, 2, 4 cao — **B1**

Answer: **-9, -6, -4, 2, 4**

Question 20

569 cao — **B1**

Answer: **569**

Question 21

90 cao — **B1**

Answer: **90**

Question 22

795 cao — **B1**

Answer: **795**

Question 23

800 cao — **B1**

Answer: **800**

Question 24

971,454, 984,001, 993,164, 1,011,818 cao — **B1**

Answer: **971,454, 984,001, 993,164, 1,011,818**

Question 25

three hundred and three thousand two hundred and seventy-two cao — **B1**

Answer: **three hundred and three thousand two hundred and seventy-two**

© Revision Library | revisionlibrary.co.uk

Question 26

subtracts the fall from the start **M1**

-8 degrees cao **A1**

Answer: **-8 degrees**

Question 27

300,339, 306,740, 309,259, 310,492 cao **B1**

Answer: **300,339, 306,740, 309,259, 310,492**

Question 28

184,574 cao **B1**

Answer: **184,574**

Question 29

43.02 cao **B1**

Answer: **43.02**

Question 30

5 cao **B1**

Answer: **5**

Question 31

810,700 cao **B1**

Answer: **810,700**

Question 32

87 cao **B1**

Answer: **87**

Question 33

20,000 cao **B1**

Answer: **20,000**

Question 34

subtracts the fall from the start **M1**

-7 degrees cao **A1**

Answer: **-7 degrees**

Question 35

9 cao **B1**

Answer: **9**

Question 36

5,440,000 cao **B1**

Answer: **5,440,000**

Question 37

2094 cao **B1**

Answer: **2094**

Question 38

450 cao **B1**

Answer: **450**

Question 39

910,992 cao **B1**

Answer: **910,992**

Question 40

0.0529 cao **B1**

Answer: **0.0529**

Question 41

XXXIX cao **B1**

Answer: **XXXIX**

Question 42

shows rounding to nearest 10,000 with consideration of thousands digit (555,499 -> consider 5 in thousands) **M1**

correct intermediate rounded to nearest 10,000 as 555,000 or explanation equivalent **M1**

clear conclusion that Sofia is correct because 555,499 rounds to 560,000 cao **A1**

Answer: **Sofia is correct; 555,499 rounded to the nearest 10,000 is 560,000.**

© Revision Library | revisionlibrary.co.uk