Year 3 maths: Place value to 100 000 (Medium)

Maths · Number
Level: Medium

Student: _____ Date: _____

Instructions
- There are 10 questions. Read each one carefully.
- Write your answers on this paper. Use the space under a question to work it out.
- A grown-up can read a question aloud — that's fine.
- The answers are at the end. Check them together when you have finished.

Questions

1. Which digit is in the hundreds place of 18 904?

Circle one answer.

○ **A** 0 ○ **B** 1 ○ **C** 9 ○ **D** 8

2. Which shows 50 407 split into place values?

Circle one answer.

○ **A** 500 + 40 + 7 ○ **B** 5 + 4 + 7

○ **C** 50 000 + 400 + 70 ○ **D** 50 000 + 400 + 7

3. Which number is 1000 less than 9010?

Circle one answer.

○ **A** 8010 ○ **B** 8910 ○ **C** 10 010

4. Which number is 1000 more than 49 500?

Circle one answer.

○ **A** 50 500 ○ **B** 40 500 ○ **C** 48 500 ○ **D** 49 600

5. In which number is the 8 worth 8000?

Circle one answer.

○ **A** 40 728 ○ **B** 28 047 ○ **C** 74 208 ○ **D** 80 472

6. I have 6 ten thousands, 0 thousands, 0 hundreds, 7 tens and 2 ones. What number am I?

Answer: ☐

Working:

7. What number comes immediately before 60 000?

Answer: ☐

Working:

8. In 44 218, how much greater is the value of the left-hand 4 than the right-hand 4?

Circle one answer.

○ **A** 40 000 ○ **B** 0 ○ **C** 36 000 ○ **D** 4000

9. What is 10 less than 70 205?

Answer: ☐

Working:

10. How many whole tens are in 5280?

Answer: ☐ tens

Working:

Answer key

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1. C — 9

Count the places from the right: ones, tens, hundreds, thousands. The digit in the hundreds place is 9.

2. D — 50 000 + 400 + 7

50 407 = 50 000 + 400 + 7. Each digit keeps its own place, and a 0 holds a place with nothing in it.

3. A — 8010

9010 - 1000 = 8010.

4. A — 50 500

49 500 + 1000 = 50 500. The digit passes 9 or 0, so trade with the next place.

5. B — 28 047

The 8 must be in the thousands place. In 28 047 it is, so it is worth 8000.

6. 60 072

Write each digit in its place: 60 072. The 0 keeps the places in line.

7. 59 999

Take 1 from 60 000. Trade down through every place: 59 999.

8. C — 36 000

The left-hand 4 is worth 40 000. The right-hand 4 is worth 4000. 40 000 − 4000 = 36 000.

9. 70 195

70 205 − 10: the tens place is 0, so trade a hundred for ten tens. The answer is 70 195.

10. 528 tens

5280 is 528 lots of 10, so there are 528 tens. The digit 8 is only the tens digit.