

Grade 4 - Place Value to One Million - Quiz

Common Core 4.NBT.A.1, 4.NBT.A.2 · maths-pdf.fr/en/

Name: _____ Class: _____ Date: ____/____/____

Pick the best answer for each of the 10 questions about place value. Read each question carefully, then check the explanation to learn from any mistake.

Grade 4 · Common Core State Standards: **4.NBT.A.1**, **4.NBT.A.2**

Questions

Question 1

What is the value of the digit 4 in 34,218?

- A. 400
- B. 4,000
- C. 40,000
- D. 4

Question 2

Thousands			Ones		
hundreds	tens	ones	hundreds	tens	ones
5	6	0	8	4	0

Place-value chart for 560,840.

Which digit is in the ten thousands place?

- A. 6
- B. 5
- C. 0
- D. 8

Question 3

The 3 in 3,000 is worth how many times as much as the 3 in 30?

- A. 10
- B. 1,000
- C. 100

D. 30

Question 4

Which is 7,305 in expanded form?

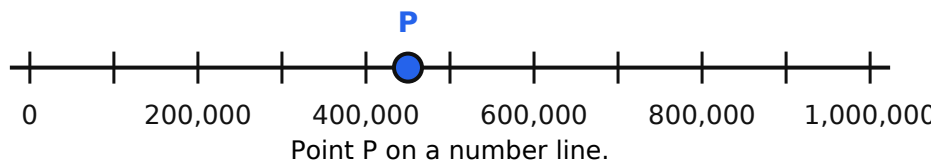
- A. $7,000 + 300 + 5$
- B. $7,000 + 30 + 5$
- C. $700 + 300 + 5$
- D. $7,000 + 300 + 50$

Question 5

Which is the word form of 80,016?

- A. eight thousand, sixteen
- B. eighty thousand, sixteen
- C. eighty thousand, sixty
- D. eight hundred thousand, sixteen

Question 6



Which number is point P?

- A. 450,000
- B. 45,000
- C. 540,000
- D. 400,500

Question 7

Which statement is true?

- A. $206,415 < 206,145$
- B. $206,415 = 206,145$
- C. $206,415 > 206,145$
- D. $206,145 > 206,415$

Question 8

What number is ten times as much as 60,000?

- A. 6,000
- B. 66,000
- C. 60,010
- D. 600,000

Question 9

Thousands		Ones		
tens	ones	hundreds	tens	ones
9	4	3	0	7

Place-value chart for 94,307 with one digit highlighted.

What is the value of the highlighted digit?

- A. 40,000
- B. 400
- C. 4
- D. 4,000

Question 10

Which list is in order from least to greatest?

- A. 65,210, 65,120, 65,221
- B. 65,120, 65,210, 65,221
- C. 65,221, 65,210, 65,120
- D. 65,120, 65,221, 65,210

Answers

1. **B** – The 4 is in the thousands place, so it is worth 4,000. Mixing up the thousands and ten thousands places gives 40,000.
2. **A** – Read the chart from the left: hundred thousands is 5, ten thousands is 6. Students often pick the first digit of the number.
3. **C** – 3,000 is 100 times 30 because each step left is ten times, and there are two steps from tens to thousands. Counting one step gives 10.
4. **A** – 7,305 has 7 thousands, 3 hundreds, 0 tens, and 5 ones. The tens place is 0, so there is no tens term.
5. **B** – 80,016 is 80 thousand and 16. Check that the thousands period is 80 and the ones period is 16.
6. **A** – Each tick is 100,000. Point P is halfway between 400,000 and 500,000, so it is 450,000.
7. **C** – The numbers match through the thousands place. In the hundreds place, 4 is greater than 1, so $206,415 > 206,145$. Choosing $<$ reverses the order.
8. **D** – Multiplying by 10 moves each digit one place to the left: 60,000 becomes 600,000. Moving right gives 6,000.
9. **D** – The highlighted 4 is in the thousands column, so it is worth 4,000.
10. **B** – Compare hundreds, then tens: $65,120 < 65,210 < 65,221$. The second list swaps the first two; the third list is greatest to least.

Remember

- A digit in any place is worth 10 times the same digit one place to its right.
- Places from the right: ones, tens, hundreds, thousands, ten thousands, hundred thousands, millions.
- Expanded form adds the value of each digit: $4,203 = 4,000 + 200 + 3$.
- Compare numbers from the left, place by place, and use the symbols $<$, $>$, or $=$.
- 1,000,000 is ten times as much as 100,000.