

# Grade 4 - Place Value to One Million - Test Answer Key

Common Core 4.NBT.A.1, 4.NBT.A.2 · [maths-pdf.fr/en/](https://maths-pdf.fr/en/)

Use this answer key to score the place value test. Each solution shows the work, and the scoring note tells how the points are awarded. Total: 20 points.

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

## Question 1 - Digits and places [2 pts]

| Thousands |      |      | Ones     |      |      |
|-----------|------|------|----------|------|------|
| hundreds  | tens | ones | hundreds | tens | ones |
| 7         | 3    | 8    | 2        | 0    | 5    |

The 3 is in the ten thousands column and the 7 is in the hundred thousands column.

- a. The 3 is in the ten thousands place:  $3 \times 10,000 = 30,000$ .
- b. The 7 is in the **hundred thousands** place.

*Scoring: 1 point for 30,000. 1 point for hundred thousands.*

## Question 2 - Ten times as much [2 pts]

- a.  $9,000 \times 10 = 90,000$ . **90,000**
- b.  $900 \div 10 = 90$ . **90**

*Scoring: 1 point for each correct answer.*

## Question 3 - Expanded form [2 pts]

- a.  $70,000 + 400 + 9$  (the thousands and tens places are 0).
- b. 6 hundred thousands, 2 ten thousands, 5 thousands, 0 hundreds, 0 tens, 8 ones:  
**625,008**.

*Scoring: 1 point for each correct form. Do not give the point if a zero term is written or a zero place is missing.*

#### Question 4 - Word form [2 pts]

- a. **four hundred five thousand, thirty**
- b. 70 thousand and 902 gives **70,902**.

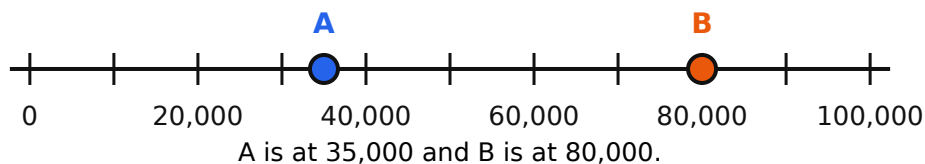
Scoring: 1 point for each correct answer. Accept correct spelling only.

#### Question 5 - Compare numbers [2 pts]

- a.  $38,917 < 38,971$  (tens:  $1 < 7$ )
- b.  $250,000 > 25,000$  (six digits against five digits)
- c.  $604,102 = 604,102$
- d.  $99,099 < 99,909$  (hundreds:  $0 < 9$ )

Scoring: half a point for each correct symbol.

#### Question 6 - Order the numbers [2 pts]



471,035 has 7 in the ten thousands place, so it is greatest. 407,531 has 0 there, so it is least.

Compare 417,305 and 417,035: hundreds 3 and 0.

471,035, 417,305, 417,035, 407,531

Scoring: 2 points for the correct order. 1 point if only one pair is swapped.

#### Question 7 - Number line [3 pts]

- a. Each tick is 10,000. Point A is halfway between 30,000 and 40,000: **35,000**.
- b. Point B is on the 80,000 tick: **80,000**.
- c.  $35,000 < 80,000$ , so  $A < B$ .

Scoring: 1 point for each part.

### Question 8 - Find the mistake [3 pts]

- a. First 8: 800,000 . Second 8: 80,000 .
- b.  $800,000 \div 80,000 = 10$  , so **10 times** as much.
- c. The two 8s sit in different places. A digit one place to the left is worth ten times as much, so the digits have different values.

*Scoring: 1 point for each part. Part c needs a mention of different places or ten times.*

### Question 9 - Farmers market totals [2 pts]

Word form: one hundred fifty-two thousand, eight hundred forty.

One tenth:  $152,840 \div 10 = 15,284$  .

**15,284**

*Scoring: 1 point for word form. 1 point for 15,284.*

|                  |
|------------------|
| <b>Total</b>     |
| <b>20 points</b> |