# Multiple choice questions - Place value to 10 000 000 and rounding

Year: Year 6 · 10

**Question 1** What is the value of the 6 in 3 462 810?

- ◯ **A.** 6 000
- ◯ **B.** 60 000
- ◯ **C.** 600 000
- ◯ **D.** 6 000 000

**Question 2** Which is 5 090 300 in words?

- ◯ **A.** fifty million, ninety thousand, three hundred
- ◯ **B.** five million, ninety thousand, three hundred
- ◯ **C.** five million, nine thousand, three hundred
- ◯ **D.** five million, nine hundred thousand and three hundred

**Question 3** Which is the largest number?

- ◯ **A.** 6 049 999
- ◯ **B.** 6 094 999
- ◯ **C.** 6 409 999
- ◯ **D.** 6 904 999

**Question 4** Round 2 649 500 to the nearest 1 000.

- ◯ **A.** 2 649 000
- ◯ **B.** 2 650 000
- ◯ **C.** 2 600 000
- ◯ **D.** 2 700 000

**Question 5** Which is the smallest number?

- ◯ **A.** -2
- ◯ **B.** 0
- ◯ **C.** -12
- ◯ **D.** -20

**Question 6** What is 1 000 000 more than 8 450 000?

- ◯ **A.** 8 550 000
- ◯ **B.** 9 450 000
- ◯ **C.** 18 450 000

- ◯ **D.** 8 460 000

**Question 7** What is 3 000 000 + 40 000 + 500 + 6?

- ◯ **A.** 3 400 506
- ◯ **B.** 3 040 506
- ◯ **C.** 3 004 506
- ◯ **D.** 3 040 056

**Question 8** Round 99 500 to the nearest 1 000.

- ◯ **A.** 99 000
- ◯ **B.** 100 000
- ◯ **C.** 99 500
- ◯ **D.** 90 000

**Question 9** The temperature is -4 degrees Celsius and falls by 5 degrees. What is it now?

- ◯ **A.** 1
- ◯ **B.** -1
- ◯ **C.** -9
- ◯ **D.** 9

**Question 10** Round 12 345 678 to the nearest million.

- ◯ **A.** 12 000 000
- ◯ **B.** 12 300 000
- ◯ **C.** 13 000 000
- ◯ **D.** 10 000 000

# Answer grid - Place value to 10 000 000 and rounding

Year: Year 6

| Question | Answer | Explanation |
|---|---|---|
| 1 | **B** | 3 462 810: the 6 is in the ten thousands place, so it is worth 60 000. |
| 2 | **B** | 5 \| 090 \| 300: five million, ninety thousand, three hundred. |
| 3 | **D** | All have 6 millions. Compare the hundred thousands: 0, 0, 4, 9. The largest is 6 904 999. |
| 4 | **B** | The hundreds digit is 5, so round up: 2 650 000. |
| 5 | **D** | The negative number furthest from zero is the smallest: -20. |
| 6 | **B** | Only the millions digit changes: 8 becomes 9. |
| 7 | **B** | Millions 3, hundred thousands 0, ten thousands 4, thousands 0, hundreds 5, tens 0, ones 6: 3 040 506. |
| 8 | **B** | The hundreds digit is 5, so round up. 99 000 + 1 000 = 100 000. |
| 9 | **C** | Going down from -4 by 5 gives -9. |
| 10 | **A** | The hundred thousands digit is 3, so round down: 12 000 000. |