Year 3 maths: Numbers to 10 000 (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. What is 100 less than 4031?

Answer: ☐

Working:

2. Which list goes from smallest to largest?

Circle one answer.

○ **A** 2089, 2098, 2809, 2890

○ **B** 2809, 2890, 2089, 2098

○ **C** 2098, 2089, 2809, 2890

○ **D** 2890, 2809, 2098, 2089

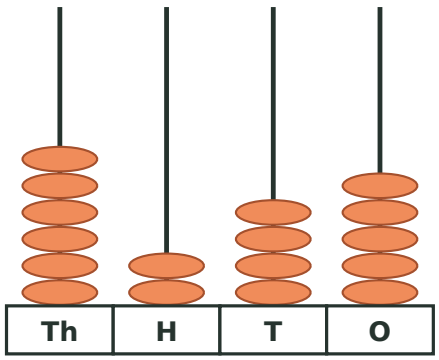
3. A stadium has 6000 + 40 + 8 seats. How many seats is that?

Answer: ☐ seats

Working:

4. Noah made this number on an abacus. He takes one bead off each spike. What is his new number?

Circle one answer.



○ **A** five thousand, one hundred and thirty-four

○ **B** five thousand, two hundred and thirty-four

○ **C** five thousand, one hundred and forty-four

○ **D** seven thousand, three hundred and fifty-six

5. Which pair of numbers is the same distance apart as 6 and 20?

Circle one answer.

○ **A** 30 and 44 ○ **B** 16 and 40 ○ **C** 10 and 25

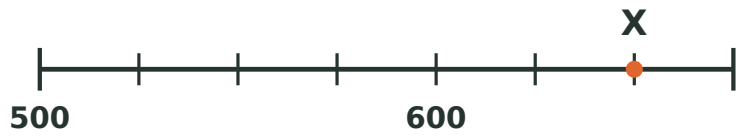
6. What is the total of one hundred and twenty, thirty-four and five?

Circle one answer.

○ **A** 204 ○ **B** 1545 ○ **C** 159

7. The marks on this number line are equally spaced. What number is at X?

Circle one answer.



○ **A** 560 ○ **B** 620 ○ **C** 675 ○ **D** 650

8. The marks on this number line are equally spaced. What number is at X?

Circle one answer.



○ **A** 70 ○ **B** 96 ○ **C** 72 ○ **D** 84

9. The marks on this number line are equally spaced. What is A + B?

Circle one answer.



○ **A** 24 ○ **B** 90 ○ **C** 30 ○ **D** 27

10. In 2272, what is the difference between the value of the 2 in the thousands place and the value of the 2 in the hundreds place?

Circle one answer.

○ **A** 2200 ○ **B** 2000 ○ **C** 1800 ○ **D** 0

Answer key

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1. 3931

4031 has 0 hundreds, so trade a thousand: 40 hundreds − 1 hundred = 39 hundreds. 4031 − 100 = 3931.

2. A — 2089, 2098, 2809, 2890

Same thousands. 0 hundreds come before 8 hundreds. 2089 and 2098: 8 tens before 9 tens. 2809 and 2890: 0 tens before 9 tens.

3. 6048 seats

6 thousands, 0 hundreds, 4 tens, 8 ones: 6048.

4. A — five thousand, one hundred and thirty-four

The abacus shows 6245. One bead off each spike: 5134, five thousand, one hundred and thirty-four.

5. A — 30 and 44

20 − 6 = 14 and 44 − 30 = 14. 16 and 40 are 24 apart; 10 and 25 are 15 apart.

6. C — 159

120 + 34 = 154. 154 + 5 = 159.

7. D — 650

600 − 500 = 100 in 4 jumps, so each jump is 25. X is 2 jumps past 600: 625, 650.

8. D — 84

60 − 0 = 60 in 5 jumps, so each jump is 12. X is 2 jumps past 60: 72, 84.

9. D — 27

12 − 0 = 12 in 4 jumps, so each jump is 3. A = 6 and B = 21. A + B = 6 + 21 = 27.

10. C — 1800

The 2 in the thousands place is worth 2000. The 2 in the hundreds place is worth 200. 2000 − 200 = 1800. (The 2 in the ones place is a third 2, worth just 2, so it is not used here.)