Year 5 maths: Count forwards and backwards in steps, including hundredths (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 number comes next? 28 816, 28 916, 29 016, __

Circle one answer.

○ **A** 29 116 ○ **B** 29 026 ○ **C** 28 916

2. What number comes next? 36 415, 36 410, 36 405, 36 400, __

Circle one answer.

○ **A** 36 495 ○ **B** 36 405 ○ **C** 36 390 ○ **D** 36 395

3. Keep counting back in 10s. 40 680, 40 670, 40 660, __ Answer: ☐

Working:

4. Count back in 1000s from 22 500. What is the third number you say after 22 500? Answer: ☐

Working:

5. Count on in 10s from 7960. What is the fifth number you say after 7960?

Answer: ☐

Working:

6. What is the missing number? 6500, 6750, 7000, __, 7500

Answer: ☐

Working:

7. What number comes next? 9.36, 9.38, 9.40, __

Circle one answer.

○ **A** 9.60 ○ **B** 9.42 ○ **C** 9.38

8. Tara counts back in 1000s from 21 450 and says 20 450, 19 450, 18 450. Is she right?

Circle one answer.

○ **A** No. She should add 1000

○ **B** Yes. Each number is 1000 less

○ **C** No. The hundreds digit should change

9. A ticket machine on a Sydney tram prints numbers in 100s: 8750, 8850, 8950, 9050. What is the next number?

Circle one answer.

○ **A** 8050 ○ **B** 9 1050 ○ **C** 9150 ○ **D** 9060

10. What number does point A show?

Circle one answer.



○ **1** 12.03 ○ **2** 12.3 ○ **3** 12.7 ○ **4** 13.3

Answer key

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1. A — 29 116
Counting on in 100s adds 100 each time: 29 016 + 100 = 29 116.

2. D — 36 395
Counting back in 5s takes away 5 each time: 36 400 − 5 = 36 395.

3. 40 650
Counting back in 10s takes away 10 each time: 40 660 − 10 = 40 650.

4. 19 500
22 500, 21 500, 20 500, 19 500. The third number after 22 500 is 19 500.

5. 8010
7960, 7970, 7980, 7990, 8000, 8010. The fifth number after 7960 is 8010.

6. 7250
The step is 250. 7000 + 250 = 7250. Check: 7250 + 250 = 7500.

7. B — 9.42
Count on by 0.02 each time. 9.40 + 0.02 = 9.42.

8. B — Yes. Each number is 1000 less
21 450 minus 1000 is 20 450, then 19 450, then 18 450. Only the thousands place changes.

9. C — 9150
9050 + 100 = 9150.

10. 2 — 12.3
The line from 12 to 13 has 10 equal steps of 0.1. A is 3 steps along: 12.3.