Year 4 maths: Tenths and 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 does the place-value chart show?

Circle one answer.

Ones	Tenths	Hundredths
2	4	7

○ **A** 24.7 ○ **B** 2.74 ○ **C** 2.47 ○ **D** 247

2. What number does the place-value chart show?

Circle one answer.

Ones	Tenths	Hundredths
9	0	6

○ **A** 96 ○ **B** 9.6 ○ **C** 9.06 ○ **D** 0.96

3. What is the value of the 7 in 7.19?

Circle one answer.

○ **A** 7 tenths ○ **B** 7 ones ○ **C** 7 hundredths

4. Write 2 ones and 6 hundredths as a decimal.

Answer: _____

Working:

5. Which number is 5 + 0.06?

Circle one answer.

○ **A** 5.06 ○ **B** 0.56 ○ **C** 56 ○ **D** 5.6

6. What number does point A show?

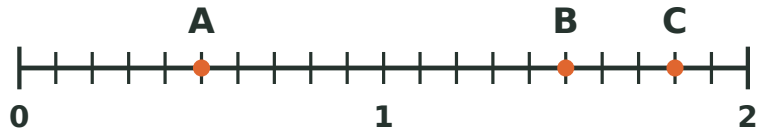
Circle one answer.



○ **1** 0.36 ○ **2** 0.73 ○ **3** 0.37 ○ **4** 0.38

7. Which letter shows 1.5 on the number line?

Circle one answer.



○ **A** ○ **B** ○ **C**

8. Which is bigger: 0.5 or 0.53?

Circle one answer.

○ **A** 0.5 ○ **B** 0.53

○ **C** They are the same

9. Which list is in order from smallest to biggest?

Circle one answer.

○ **A** 0.45, 0.4, 0.09 ○ **B** 0.09, 0.4, 0.45 ○ **C** 0.4, 0.09, 0.45

○ **D** 0.4, 0.45, 0.09

10. A pizza is cut into 10 equal slices. Mo eats 1 whole pizza and 4 slices of another one. How many pizzas did Mo eat? Write it as a decimal.

Answer: ☐ pizzas

Working:

Answer key

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1. C — 2.47
The chart shows 2 ones, 4 tenths and 7 hundredths. The point goes after the ones: 2.47.

2. C — 9.06
The chart shows 9 ones, 0 tenths and 6 hundredths. The point goes after the ones: 9.06. The 0 holds the tenths place, so it must be written.

3. B — 7 ones
The 7 in 7.19 is before the point, in the ones place: 7 ones.

4. 2.06
2 ones and 6 hundredths: 2.06. There are no tenths, so a 0 holds the tenths place.

5. A — 5.06
5 ones, 0 tenths and 6 hundredths: 5.06. 5.6 would be 5 and 6 tenths.

6. 3 — 0.37
The line from 0.3 to 0.4 is cut into 10 equal jumps, so each jump is one hundredth (0.01). A is 7 jumps past 0.3: 0.37.

7. B
Each jump is 0.1. 1.5 is 15 jumps past 0: that is B.

8. B — 0.53
The ones and tenths are the same. Compare the hundredths: 0.53 has 3 and 0.5 has 0. Writing 0.5 as 0.50 makes the same number of places: 0.50 and 0.53. So 0.53 is bigger.

9. B — 0.09, 0.4, 0.45
Compare ones, then tenths, then hundredths: 0.09, 0.4, 0.45.

10. 1.4 pizzas
Each slice is one tenth of a pizza. 1 whole and 4 tenths: 1.4 pizzas.