Year 6 maths: Decimals to thousandths and fractions (Easy)

Maths · Number
Level: Easy

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. Which words match 4.036?

Circle one answer.

- ○ **A** four and thirty-six thousandths
- ○ **B** four and three hundred and sixty thousandths
- ○ **C** four and thirty-six hundredths
- ○ **D** four and three hundred and six thousandths

2. Write five and forty-seven thousandths as a decimal.

Answer: _____

Working:

3. Which shows 3.425 split into place values?

Circle one answer.

- ○ **A** 3 + 4 + 2 + 5
- ○ **B** 3 + 0.4 + 0.02 + 0.05
- ○ **C** 3 + 0.4 + 0.02 + 0.005
- ○ **D** 3 + 0.04 + 0.002 + 0.0005

4. Which number comes next? 7.20, 7.15, 7.10, ...

Circle one answer.

- ○ **A** 6.60
- ○ **B** 7.05
- ○ **C** 7.095
- ○ **D** 7.00

5. Write 0.6 as a fraction in simplest form.

Circle one answer.

○ **A** 6/100 ○ **B** 1/6 ○ **C** 3/5 ○ **D** 5/3

6. Write 3/5 as a decimal.

Circle one answer.

○ **A** 3.5 ○ **B** 0.35 ○ **C** 0.06 ○ **D** 0.6

7. Write 3407/1000 as a decimal.

Answer:

Working:

8. Which is greater, 0.50 or 0.5?

Circle one answer.

○ **A** They are equal ○ **B** 0.5 ○ **C** 0.50

9. In 48.263 what is the value of the digit 6?

Circle one answer.

○ **A** 6 ones ○ **B** 6 hundredths (0.06)

○ **C** 6 thousandths (0.006) ○ **D** 6 tenths (0.6)

10. Counting on in 0.025s: 0.1, 0.125, 0.15, 0.175, … What is the 7th number?

Answer:

Working:

Answer key

Year 6 maths: Decimals to thousandths and fractions (Easy) · Sheet 946692

1. A — four and thirty-six thousandths

4.036 is four and thirty-six thousandths. The last digit is in the thousandths place.

2. 5.047

five and forty-seven thousandths is 5.047. Every place with nothing in it is a 0.

3. C — 3 + 0.4 + 0.02 + 0.005

3.425 = 3 + 0.4 + 0.02 + 0.005. Each digit is worth its place: tenths, hundredths, thousandths.

4. B — 7.05

The step is 0.05. 7.10 - 0.05 = 7.05.

5. C — 3/5

0.6 = 6/10. Divide the top and bottom by 2 to get 3/5.

6. D — 0.6

3/5 = 0.6, because 3 ÷ 5 = 0.6.

7. 3.407

3407/1000 is 3407 thousandths, which is 3.407.

8. A — They are equal

0.50 and 0.5 are the same size. A zero at the end of a decimal does not change its value.

9. B — 6 hundredths (0.06)

The digits after the point are 2 tenths, 6 hundredths and 3 thousandths.

10. 0.25

0.1, 0.125, 0.15, 0.175, 0.2, 0.225, 0.25: the 7th number is 0.25.