Multiple choice questions - Fractions and decimals: tenths and hundredths

Year: Year 4 · 10

Question 1 What is 7/10 as a decimal?

- ◯ **A.** 0.07
- ◯ **B.** 0.7
- ◯ **C.** 7.0
- ◯ **D.** 70

Question 2 What is 0.09 as a fraction?

- ◯ **A.** 9/10
- ◯ **B.** 9/100
- ◯ **C.** 90/100
- ◯ **D.** 1/9

Question 3 Which number is the largest?

- ◯ **A.** 0.4
- ◯ **B.** 0.35
- ◯ **C.** 0.09
- ◯ **D.** 0.3

Question 4 What is 52 / 10?

- ◯ **A.** 0.52
- ◯ **B.** 5.2
- ◯ **C.** 52.0
- ◯ **D.** 520

Question 5 What is the value of the 6 in 4.65?

- ◯ **A.** 6
- ◯ **B.** 0.6
- ◯ **C.** 0.06
- ◯ **D.** 60

Question 6 Round 8.5 to the nearest whole number.

- ◯ **A.** 8
- ◯ **B.** 9
- ◯ **C.** 10

- ◯ **D.** 8.5

Question 7 Which is equal to 1/4?

- ◯ **A.** 0.4
- ◯ **B.** 0.14
- ◯ **C.** 0.25
- ◯ **D.** 0.75

Question 8 What is 3/100 as a decimal?

- ◯ **A.** 0.3
- ◯ **B.** 0.03
- ◯ **C.** 3.0
- ◯ **D.** 0.003

Question 9 What is 1/100 of 700?

- ◯ **A.** 70
- ◯ **B.** 7
- ◯ **C.** 0.7
- ◯ **D.** 7000

Question 10 Which is the correct order from smallest to largest?

- ◯ **A.** 0.3, 0.03, 0.33
- ◯ **B.** 0.03, 0.3, 0.33
- ◯ **C.** 0.33, 0.3, 0.03
- ◯ **D.** 0.3, 0.33, 0.03

Answer grid - Fractions and decimals: tenths and hundredths

Year: Year 4

Question	Answer	Explanation
1	**B**	7 tenths is 0.7.
2	**B**	0.09 is 9 hundredths.
3	**A**	0.4 has 4 tenths, the most.
4	**B**	Dividing by 10 moves digits one place right: 5.2.
5	**B**	The 6 is in the tenths place, so it is worth 0.6.
6	**B**	The tenths digit is 5, so round up to 9.
7	**C**	1/4 = 25/100 = 0.25.
8	**B**	3 hundredths is 0.03.
9	**B**	700 / 100 = 7.
10	**B**	0.03 < 0.3 < 0.33.