Beyond hundredths

6 questions | 10 marks

Equivalent correct methods earn the corresponding marks.

1. What is the value of 8 in 5.081? [1 mark]

Eight is in the hundredths place.

Answer: 0.08

2. Write seven hundred and six thousandths as a decimal. [1 mark]

Seven hundred and six thousandths is $\frac{706}{1000}$.

Answer: 0.706

3. Write 3.406 in expanded decimal notation. [2 marks]

Three ones, four tenths, zero hundredths and six thousandths.

Answer: $3 + 0.4 + 0.006$

4. Write a decimal with two ones, five hundredths and one thousandth. [2 marks]

No tenths are given, so use zero in the tenths place.

Answer: 2.051

5. Are 0.7 and 0.700 equal? Explain with place value. [2 marks]

Seven tenths is seventy hundredths or seven hundred thousandths. Trailing zeros rename the same value.

Answer: Yes.

6. Mila deletes the zero in 2.047 and gets 2.47. Explain how the digit 4 changed value. [2 marks]

In 2.047 the four is in the second decimal place.

In 2.47 it is in the first decimal place.

Answer: It changed from four hundredths to four tenths, becoming ten times as large.