

Tenths – the first decimal place

WHAT THIS LESSON TEACHES

When one whole is split into ten equal parts, one part is called a tenth and is written 0.1 as a decimal. The tenths digit sits just after the decimal point.

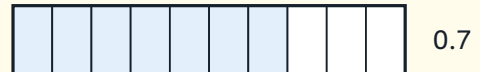
→ A loaf cut into ten fair slices: one slice is 0.1 of the loaf.

→ In 0.4 the zero is the whole-ones place and the 4 counts four tenths.

MODEL THIS ON THE BOARD

WRITING SEVEN TENTHS AS A DECIMAL

- 1 The bar is split into **ten** equal parts, so each part is one tenth.
- 2 **Seven** of the parts are shaded to show seven tenths.
- 3 Seven tenths goes in the tenths place, right after the point, as **0.7**.



DISCUSSION STARTER

REFLECT Can you picture one tenth of something you use every day?

ANSWER KEY

a) 0 in U, 3 in t

c) 0.9

Q1: 0.2

Q2: 0.1

Q3: 0.5

Q4: 8 tenths

Q5: 0.4

Q6: 6

EXTENSION SHEET · STRETCH ANSWERS

S1: 2 (tenths digit of 7.2)

S2: 9 (tenths digit of 6.9)

S3: 2 (tenths digit of 7.2)

S4: 6 (tenths digit of 4.6)

S5: 9 (tenths digit of 2.9)

Investigation: Tenths in real life — open-ended; scan pupils' working for valid solution paths rather than a single answer.