

Reading decimals to tenths and hundredths

CURRICULUM ALIGNMENT

NUM.PVT.4

investigate how decimals and percentages (and fractions) can be compared, ordered and expressed in related terms.

INTERACTIVES Place Value Blocks (Dienes) · challenge, display, explore

WHAT THIS LESSON TEACHES

The first column to the right of the decimal point is the tenths. One tenth is written 0.1 and means one of ten equal parts of a whole. The next column is hundredths.

→ In 0.4, the digit 4 sits in the tenths column – four tenths.

→ In 0.27, the digit 7 sits in the hundredths column – seven hundredths.

→ In 1.05, the zero in the tenths column shows there are no tenths, so the 5 stays in the hundredths column.

MODEL THIS ON THE BOARD

READING 1.04 ON THE MAT

- 1 Look at the number 1.04 and the U t h columns.
- 2 The digit 1 sits in the units column.
- 3 The digit 0 sits in the tenths column so there are no tenths.
- 4 The digit 4 sits in the hundredths column – four hundredths.
- 5 Read it as one and four hundredths.

ANSWER KEY

a) 0 6 0

b) 0 4 3

c) 1 0 4

Q1: 6

Q2: 4

Q3: hundredths

Q4: 4

Q5: 3

a) **Always** : 0.4 has four tenths and nothing in the hundredths place.

b) **Never** : The 7 is in the hundredths column.

c) **Always** : A zero in the hundredths place does not change the value.

d) **Never** : 2.30 is two and three tenths.

EXTENSION SHEET · STRETCH ANSWERS

S1: between 8 and 9, closer to 9

S2: between 1 and 2, closer to 1

S3: between 2 and 3, closer to 2

S4: between 6 and 7, closer to 7

S5: between 3 and 4, closer to 3