

Hundredths – a gentle first look ($0.01 = 1/100$)

WHAT THIS LESSON TEACHES

One hundredth is one of a hundred equal parts of one whole. It sits in the second place after the decimal point and is written $1/100$ or 0.01 .

→ A ten-by-ten grid stands for one whole; one small square is 0.01 .

→ One full row shaded is 0.10 , the same as 0.1 .

MODEL THIS ON THE BOARD

ONE TINY PIECE OF THE WHOLE CAKE

- ① The whole cake stands for one and is cut into **100** equal tiny pieces.
- ② Just one tiny piece is 1 out of the **100**, so we write the fraction **$1/100$** .
- ③ As a decimal the 1 sits in the hundredths place, giving **0.01** .

ANSWER KEY

Scaffold: visual check on the page

Q1: 0.04

Q2: 0.05

Q3: $2/100$

Q4: $3/100$

Q5: 0.1

a) Always — The second place after the decimal point is the hundredths place.

b) Always — One small square is much smaller than a whole row of ten squares.

c) Never — One small square is 0.01 ; a full row of ten is 0.10 .

d) Always — 0.12 is one whole row plus two extra tiny squares.