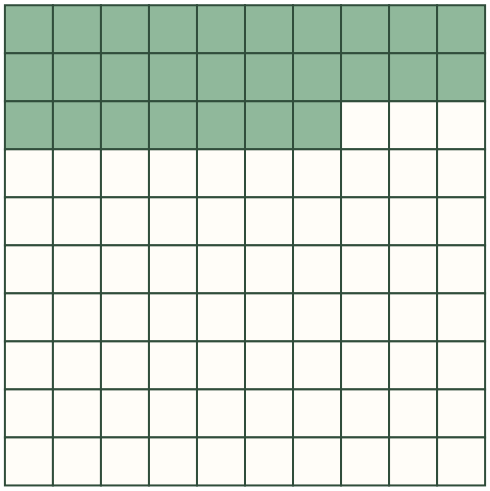
Representing decimals

6 questions | 8 marks

Equivalent correct methods earn the corresponding marks.

1. Write the decimal shown by the shaded grid. [1 mark]



The full grid is one whole

Twenty-seven of one hundred squares are shaded.

Answer: 0.27

2. A strip is split into 10 equal pieces. Seven are shaded. Write the decimal. [1 mark]

Seven of ten equal parts are seven tenths.

Answer: 0.7

3. Write the decimal in the place-value chart. [1 mark]

Ones	Tenths	Hundredths
2	1	4

Two wholes, one tenth and four hundredths make 2.14.

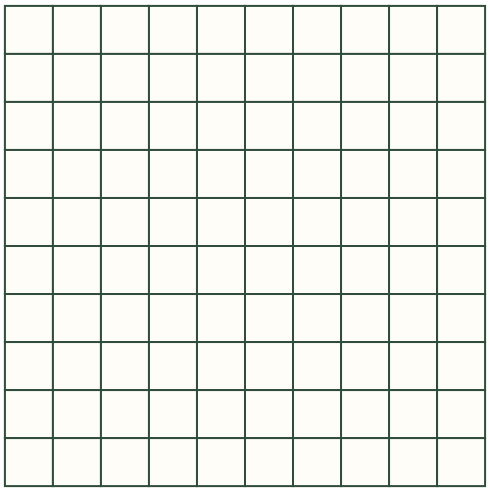
Answer: 2.14

4. How many squares should be shaded to show 0.6 on a hundred-grid? [1 mark]

Six tenths equal sixty hundredths.

Answer: 60 squares.

5. On a blank hundred-grid, shade an amount equal to 0.08. [2 marks]



Shade eight hundredths

The full grid is one whole; each small square is one hundredth.

Answer: Any 8 of the 100 squares shaded.

6. Two full grids and four tenths of another equal grid are shaded. Write the decimal and explain. [2 marks]

The two full grids make 2 wholes; the extra part is 4 tenths.

Answer: 2.4