Power Maths

Deepen Activities

1 Write down a number with two decimal places, for example 4·23. How many different ways can you represent this number?

> I can find different ways if I think about how decimals are linked with fractions.

2 How many different ways can you partition 5·76? Which partition has the most parts? Which has the fewest?

> I wonder which partitioning calculation would make the longest sum.

3 A number with two decimal places rounds to 1 when it is rounded to the nearest tenth and when rounded to the nearest whole number. What could the number be? What is the smallest possible number it could be? What is the largest?

> I know that a number can round up or down.