Place Value Riddles

twinkl

0



Aim

• I can identify the value of each digit in numbers given to three decimal places.

Success Criteria

- I can compare decimal numbers.
- I can explain the place value position of decimal numbers using the vocabulary of tenths, hundredths and thousandths.
- I can identify a decimal number by reasoning about the value of each digit.

When we partition decimal numbers, we split them into their tenths, hundredths and thousandths.

0.123

Look how the number can be partitioned!

0





Highlighted, are the decimal numbers which have **4 tenths**:

6.466 2.085 7.79 1.47 1.430 6.255 9.09 4.105 3.585 4.467 3.47 4.09 2.29 3.798 1.225

twinkl.com



Highlighted, are the decimal numbers which have **9 hundredths**:

7.79 2.085 6.466 6.255 1.47 1.430 9.09 4.105 3.585 4.09 4.467 3.47 3.798 2.29 1.225

twinkl.com



Highlighted, are the decimal numbers which have **5 thousandths**:

2.085 7.79 6.466 6.255 1.430 1.47 3.585 4.105 9.09 4.09 3.47 4.467 1.225 3.798 2.29

Decimal Riddles

The emoji is thinking of a decimal number.

- It has come up with five clues to help you identify the decimal number it is thinking of.
- Each clue is based on the place value of the digits.
- Let's see if we can work together to solve the riddle!



Decimal Riddles

The emoji is thinking of a decimal number.

- It has come up with five clues to help you identify the decimal number it is thinking of.
- Each clue is based on the place value of the digits.
- Let's see if we can work together to solve the riddle!





Decimal Place Value Riddles



Aim

• I can identify the value of each digit in numbers given to three decimal places.

Success Criteria

- I can compare decimal numbers.
- I can explain the place value position of decimal numbers using the vocabulary of tenths, hundredths and thousandths.
- I can identify a decimal number by reasoning about the value of each digit.