

Wednesday 1<sup>st</sup> July, 2020

**To read and write decimals**

Today we are going to look at how decimals numbers can be represented - using pictures, numbers and fractions. Select the task that suits you. Have fun!

**TASK 1**

Say the following numbers out loud.

What are the following numbers?

2163      332      109      2671      6634

549      1020      9391      83

What do these letters represent?

TTh	Th	H	T	O	.	t	h

**Task 2**

Select either the 1 star, 2 star or 3 star activity or all 3 if you want a challenge.



Decimal Place Value Riddle

What is the number?

- the number has 2 digits
- the number is less than 10
- the tenths digit is 1 more than the ones digit
- the digits add up to 7

1

Decimal Place Value Riddle

What is the number?

- the number has 2 digits
- the number is more than 5
- the ones digit is more than double the tenths digit
- the digits add up to 11
- the ones digit is even

2

Decimal Place Value Riddle

What is the number?

- the number has 3 digits
- the number is less than 30
- the tenths digit is equal to the sum of the tens and ones digits
- the number has odd and even digits
- the number is greater than 20
- the ones digit is half of 10

3

Decimal Place Value Riddle

What is the number?

- the number has 3 digits
- the number is greater than 70
- the sum of the tens and ones digits is 10
- none of the digits are greater than 7
- the tenths digit is one less than the tens digit

4

Decimal Place Value Riddle

What is the number?

- the number has 3 digits
- the number is less than 10
- one of the digits is a 0
- the sum of all the digits is 9
- add 0.98 to the number to get a whole number

5

Decimal Place Value Riddle

What is the number?

- the number has 3 digits
- the number is less than 5
- the ones digit is half of the tenths digit
- one of the digits is a 1
- two of the digits are even
- the number is greater than 3

6



Decimal Place Value Riddle

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6

1. Use 16 counters to create as many decimal numbers as you can to complete inequality below. You must use all 16 counters each time.

T	O	.	t	h

 > 

T	O	.	t	h



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Decimal Place Value Riddle

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Decimal Place Value Riddle

What is the number?

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- the ones digit is half of the tenths digit
- one of the digits is a 1
- two of the digits are even
- the number is greater than 3

6

2. Take it in turns to write statements about the numbers below. Ask your partner to match the statements to the numbers. Are they correct?

0.18	3.12	9.05	2.09	0.36	0.84
1.25	4.87	3.12	5.05	6.41	14.35

For example,



I'm thinking of a number.  
My number has a zero in  
the ones column.

It has double the amount  
of tenths as hundredths.

Is the  
number  
0.36?

