Y4 – Thursday – Decimals

LO: tenths as decimals

Today, we're going to learn to write tenths as decimals.

A decimal is a way of writing a number that is not whole.

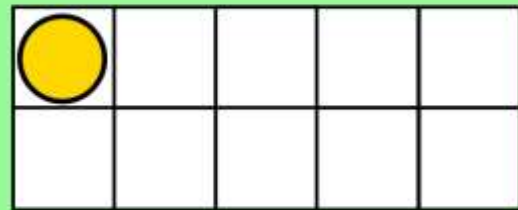Decimals are 'in between' whole numbers.

Here is our whole.

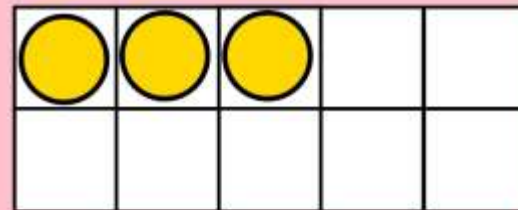It is split into ten equal parts.

Each part is a tenth.

This is how we write one tenth as a fraction: $\frac{1}{10}$

This is how we write one tenth as a decimal: 0.1

What fraction and decimal are represented in this diagram?

$\frac{3}{10}$ and 0.3

What fractions and decimals are the arrows pointed at in this diagram?

0.1

0.8
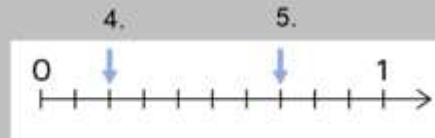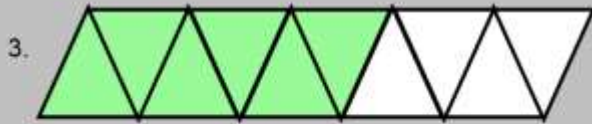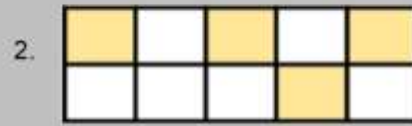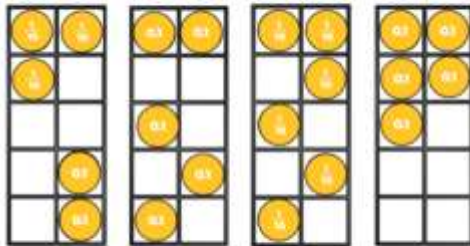
0

1

Identify the decimal represented in each diagram.

1.

2.

3.

4.   5.

0   1

Image	Words	Fraction	Decimal
	a.	b.	c.
d.	five tenths	e.	f.
g.	h.	i.	0.9

Which ten frame is the odd one out?

Explain your answer.

Who is correct?

Annie

1.2 is equivalent to 1 whole and 2 tenths.

1.2 is equivalent to 12 tenths.

Dexter

Explain why.