## Decimal Spotting

## You need $\sqrt{\square}$

 a photocopy of the Decimal Spotting number lines felt pens (a different colour for each player)a classmate

## Game

Gillian and Olaf are playing a game of Decimal Spotting.
Olaf chooses two digits from the box to make the top and bottom numbers of a fraction.
The fraction must be less than 1 , and each decimal on the number line can be used only once.

| 1 | 2 | 3 |
| :---: | :---: | :---: |
| 4 | 5 | 6 |
| 8 | 9 | 10 |

Olaf chooses 1 and 4 to make $\frac{1}{4}$. With his felt pen, he marks where $\frac{1}{4}$ ( 0.25 ) would be on the number line.

In their next turns, Olaf chooses $\frac{1}{2}$ and Gillian chooses $\frac{1}{3}$.
The number line looks like this:


The winner is the person who gets three of their marks in a row with none of their opponent's marks in between.

Play Decimal Spotting with a classmate.

