

# Seeing Double

## ACTIVITY

Māni is using double number lines to change decimals to fractions.

Five out of 10 jellybeans in the bag are black. That's one-half.

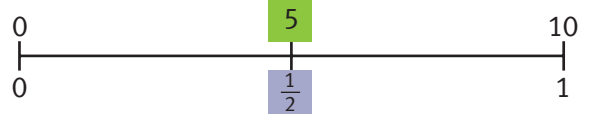


75 out of the 100 pages in my magazine have photographs.

What is 0.75 as a fraction?

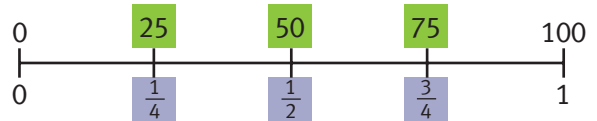


He writes:



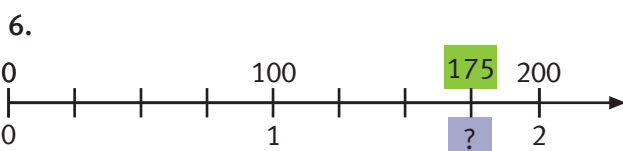
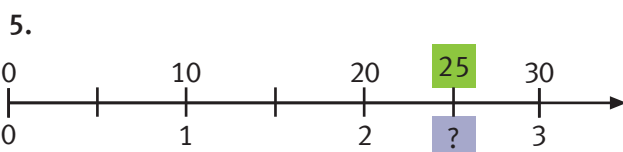
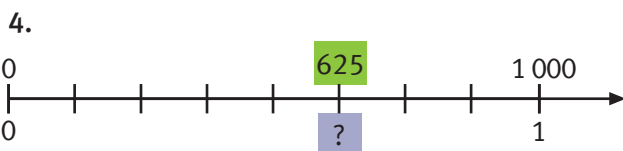
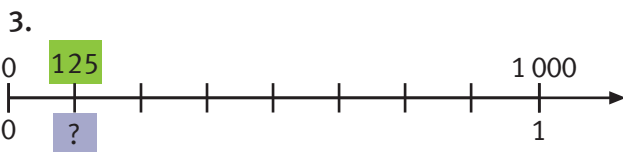
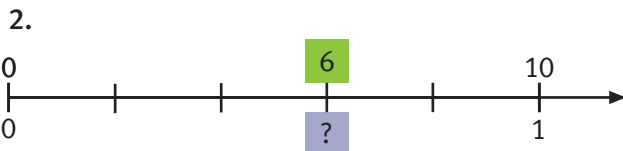
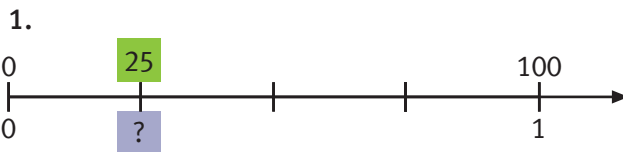
$$\begin{aligned} \text{So } 0.5 &= \frac{5}{10} \\ &= \frac{1}{2} \end{aligned}$$

He writes:



$$\begin{aligned} \text{So } 0.75 &= \frac{75}{100} \\ &= \frac{3}{4} \end{aligned}$$

Use the double number lines below to work out the simplified fraction for each decimal shown.



Decimal	Fraction	Simplified fraction
0.25	$\frac{25}{100}$	
0.6	$\frac{6}{10}$	
0.125	$\frac{125}{1000}$	
0.625	$\frac{625}{1000}$	
2.5	$\frac{25}{10}$	
1.75	$\frac{175}{100}$	