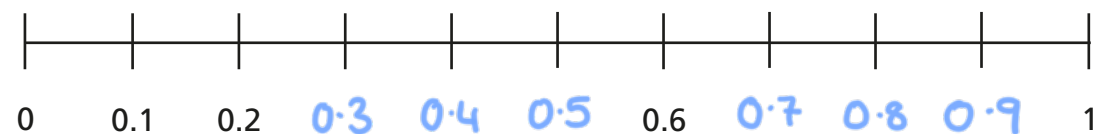


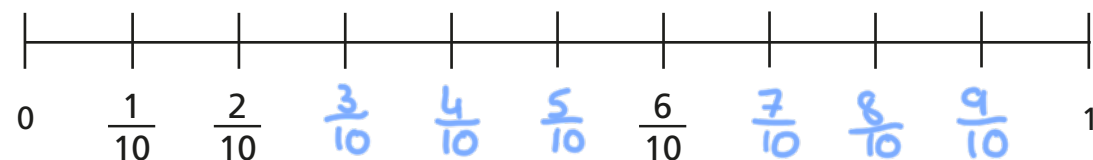
Interchange between fractional and decimal number lines

1 Complete the number lines.

a)



b)



c) Are the number lines identical? Discuss with a partner.



2 Complete the number lines.

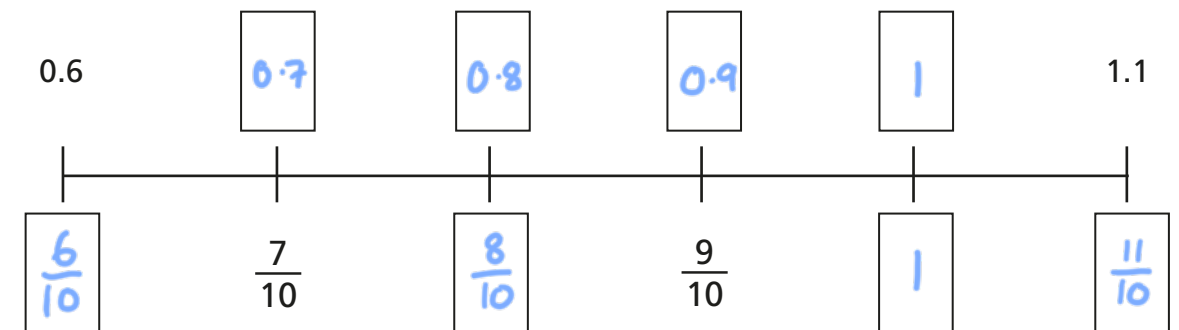
a)



b)



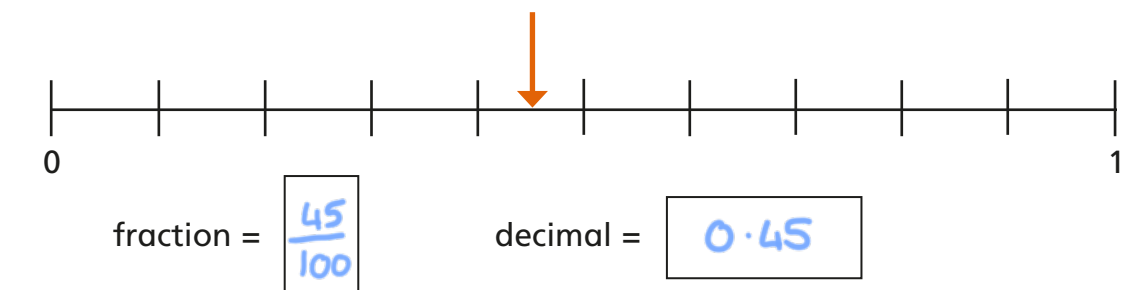
3 Complete the number line by filling in the empty boxes.



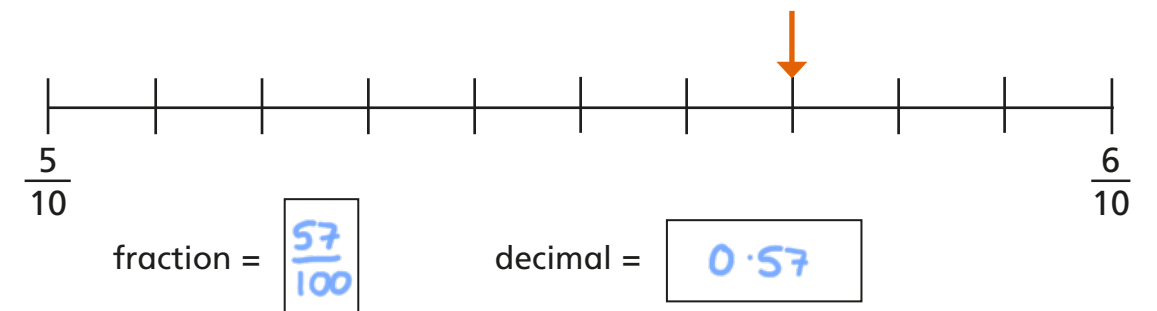
4 What numbers are the arrows pointing to?

Give each answer as a fraction and a decimal.

a)



b)



c) Point to another point on one of the number lines.

Ask your partner to tell you what the point is.

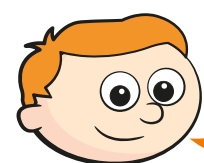


5

Ron and Whitney are reading numbers from a number line.



a)



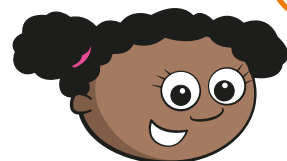
A is pointing
to 0.3

Ron is incorrect.

Explain the mistake that he has made.

He has assumed the number line is going
up in 0.1s

b)



A is pointing
to $\frac{6}{100}$

Whitney is incorrect.

Explain the mistake that she has made.

She has mixed up tenths and hundredths.

c) What number is A pointing to?

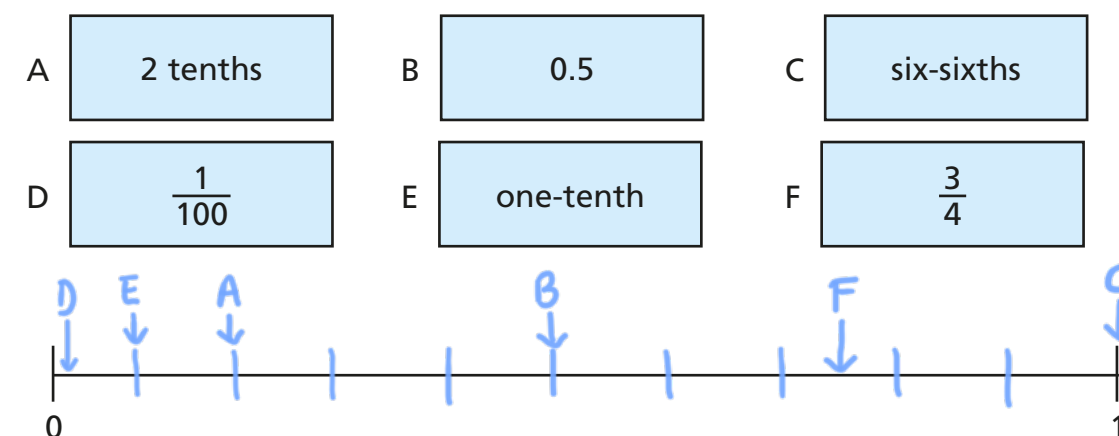
Give your answer as a fraction and a decimal.

$$A = \frac{6}{10}$$

$$A = 0.6$$

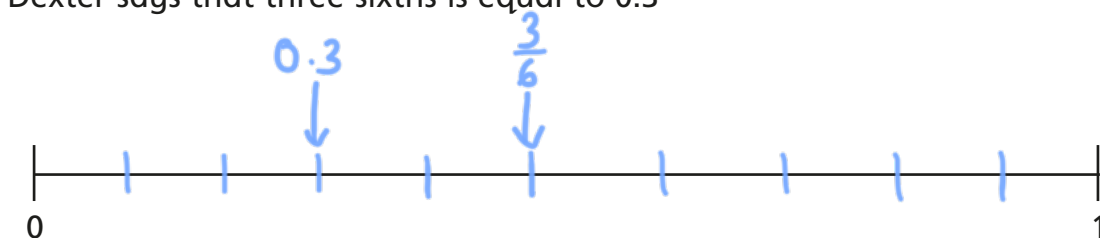
6

Show the approximate position of the numbers on the number line.



7

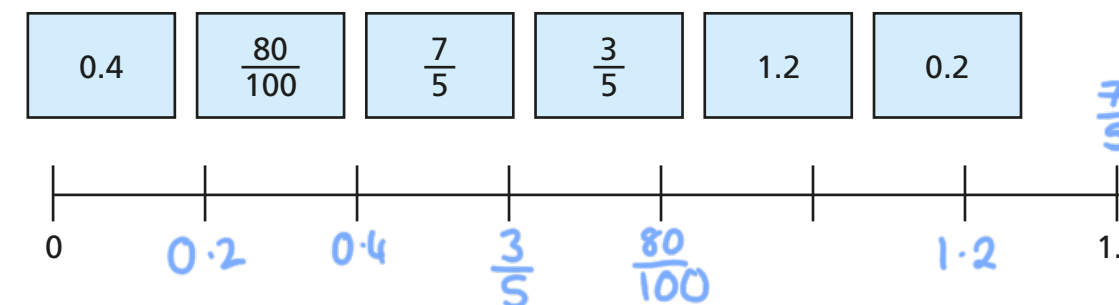
Dexter says that three-sixths is equal to 0.3



Mark both of these numbers on the number line to show that Dexter is incorrect.

8

Complete the number line, using the numbers in the boxes.



9

Explain why 11 tenths is a greater number than 73 hundredths.

$\frac{11}{10} > 1$ and $\frac{73}{100} < 1$ so $\frac{11}{10} > \frac{73}{100}$