

22.1.21

L.O I recognise the place value up to 3 decimal places.

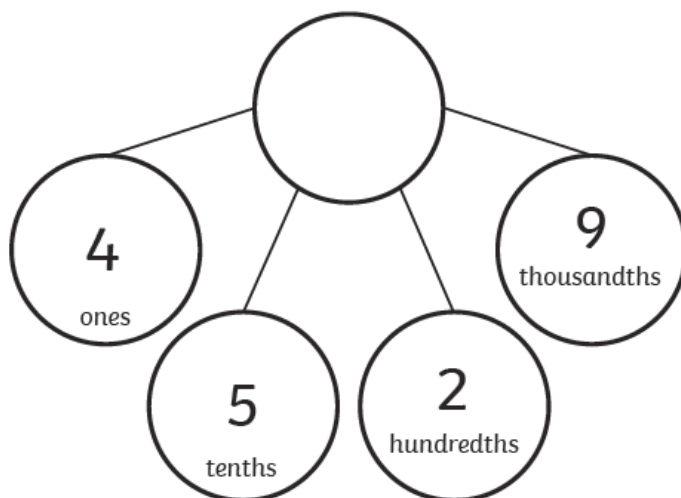
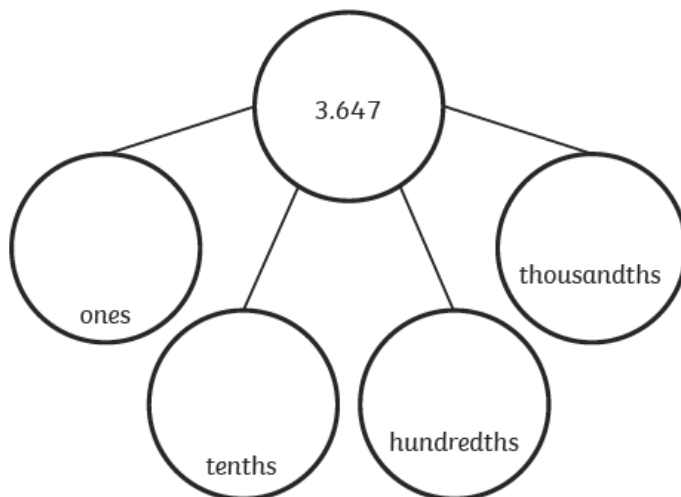
### Challenge A

Use [www.mathsbot.com](http://www.mathsbot.com) to support you when completing these challenges.

What are the values of the underlined digits in the following numbers?

26. <u>8</u> 03	9.9 <u>3</u> 0	11. <u>2</u> 27	44.29 <u>8</u>
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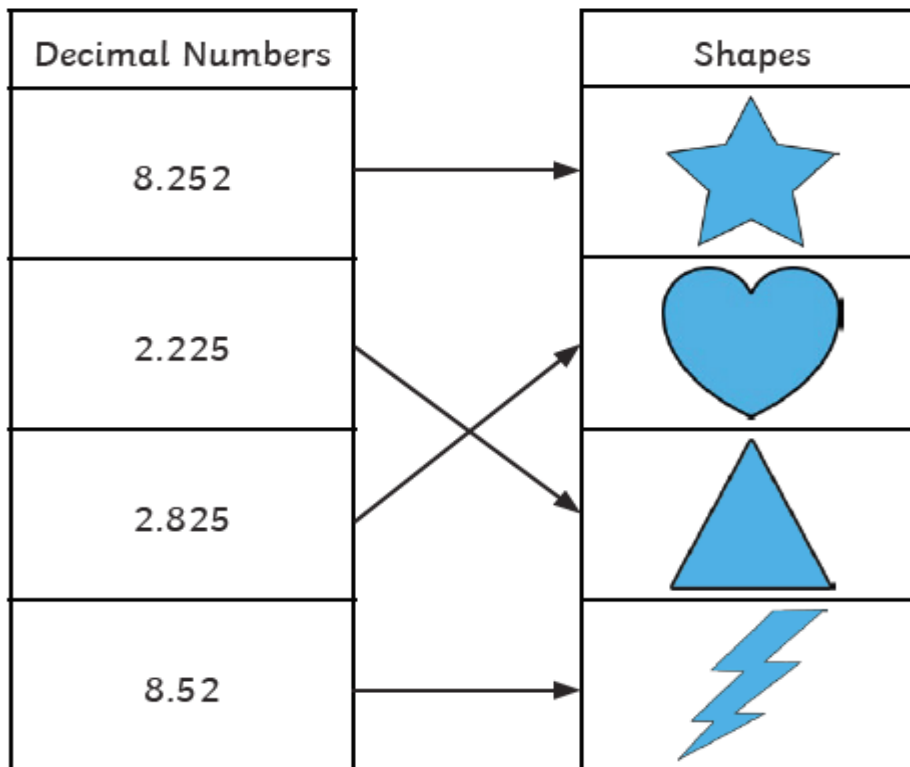
Complete the decimal part-whole models.



### Challenge B

Toby thinks he has correctly matched the decimal numbers to the shapes using the clues given.

Is Toby correct? Explain your reasoning.

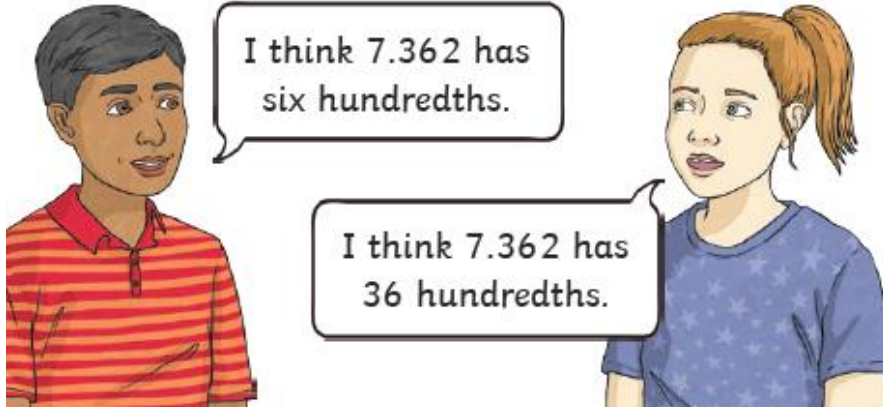


Clues:

- The triangle has five hundredths.
- The star has the same number of ones, tenths and hundredths.
- The heart has less ones than tenths and thousandths.
- The lightning bolt has two decimal places.

### Challenge C

Rami and Sian are discussing decimal numbers. Who do you agree with? Explain your reasoning.



### Challenge D

Find at least ten different ways to partition this decimal number using exchanging. Try to use different numbers each time.

