YR4 PROGRESSION IN MASTERY LESSON PACK - TENTHS AS DECIMALS

FLUENCY 1

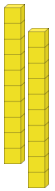
Complete the stem sentences.

One tenth is the same as ____.

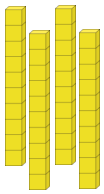
$\frac{1}{10}$ is equal to ____

FLUENCY 2

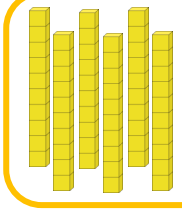
Complete the sentences to represent the decimals.



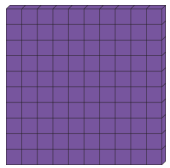
= ___ / 10 = 0.___



= ___ / 10 = 0.___



= ___ / 10 = 0.___



= ___ / 10 = ___

FLUENCY 3

Complete the missing information in the table.

Words	Fraction	Decimal	Image
Three tenths			
		0.7	
		0.6	
	$\frac{10}{10}$		

FLUENCY TASKS

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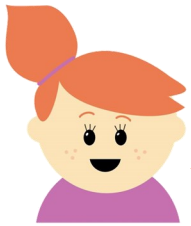
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REASONING 1

Do you agree with Millie?

$\frac{1}{10}$

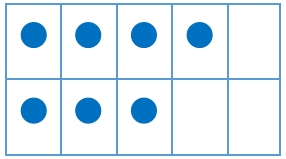


This fraction written as a decimal is 1.10 because it has a 1 on the top and 10 on the bottom.

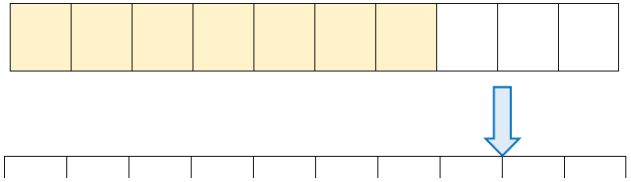
REASONING 2

Odd one Out?

Which representation does not show 0.7?

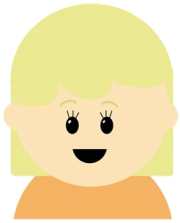


$\frac{7}{10}$



REASONING 3

3.7 **3.70**



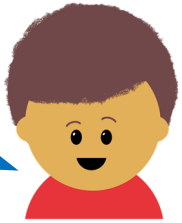
3.70 is bigger than 3.7 because it has a zero on the end.

Do you agree with Jane? Explain why.

REASONING 4

Marlon says...

We use tenths when we write pounds and pence.



Is he correct? Prove it!

REASONING TASKS

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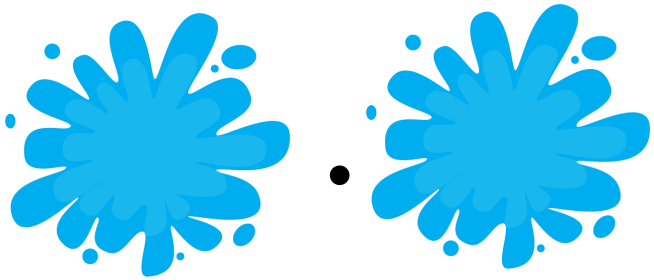
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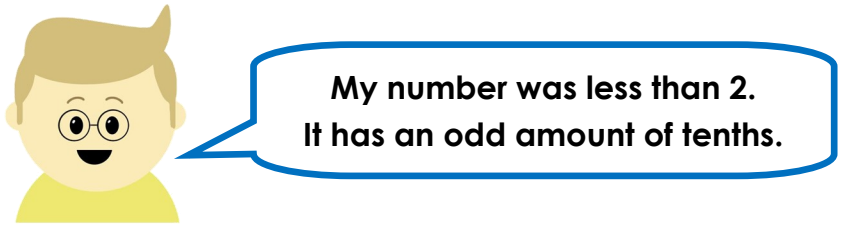
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PROBLEM SOLVING TASKS

PROBLEM SOLVING 1

Alfie has spilt paint on his work.



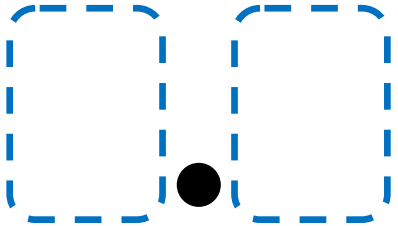


What could his number be?

PROBLEM SOLVING 2

Using the digit cards, how many decimal numbers can you make where the ones digit is double that of the tenths?





How many decimal numbers smaller than 3?

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