Year 3 – Spring Block 5 – Fractions – Tenths as Decimals

About This Resource:

This PowerPoint has been designed to support your teaching of this small step. It includes a starter activity and an example of each question from the Varied Fluency and Reasoning and Problem Solving resources also provided in this pack. You can choose to work through all examples provided or a selection of them depending on the needs of your class.

National Curriculum Objectives:

Mathematics Year 3: (3F1a) Count up and down in tenths; recognise that tenths arise from dividing an object into 10 equal parts and in dividing one-digit numbers or quantities by 10

More Year 3 Fractions resources.

Did you like this resource? Don't forget to review it on our website.

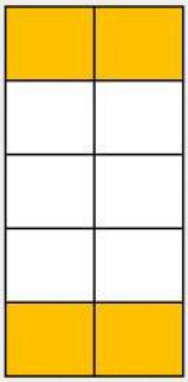
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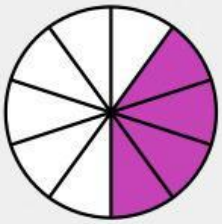
Step 5: Tenths as Decimals

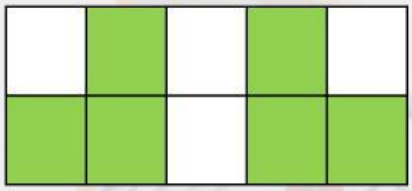
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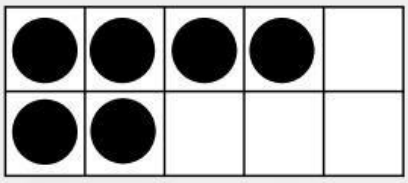
Introduction

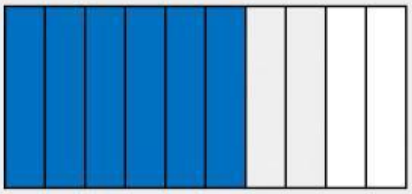
Circle all the images that show $\frac{4}{10}$.











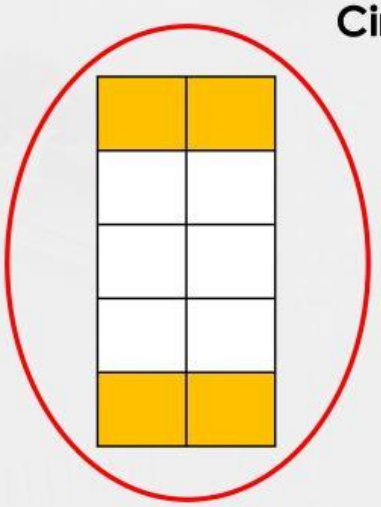


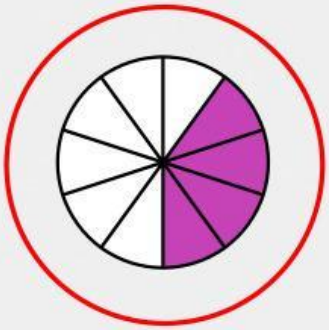
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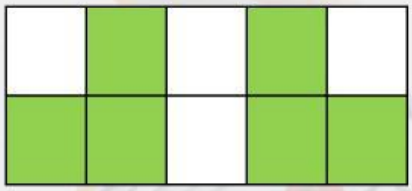
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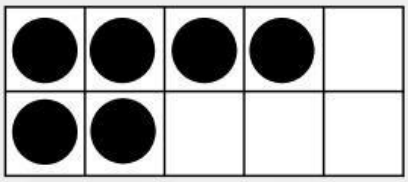
Introduction

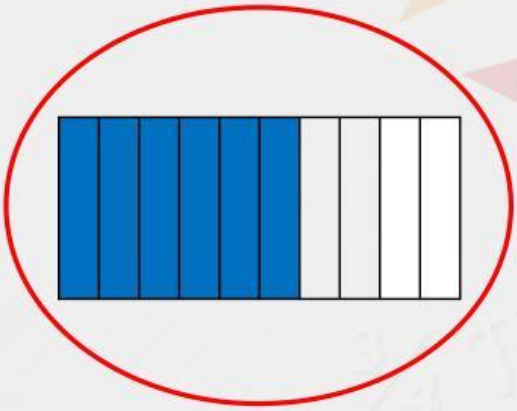
Circle all the images that show $\frac{4}{10}$.













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Varied Fluency 1

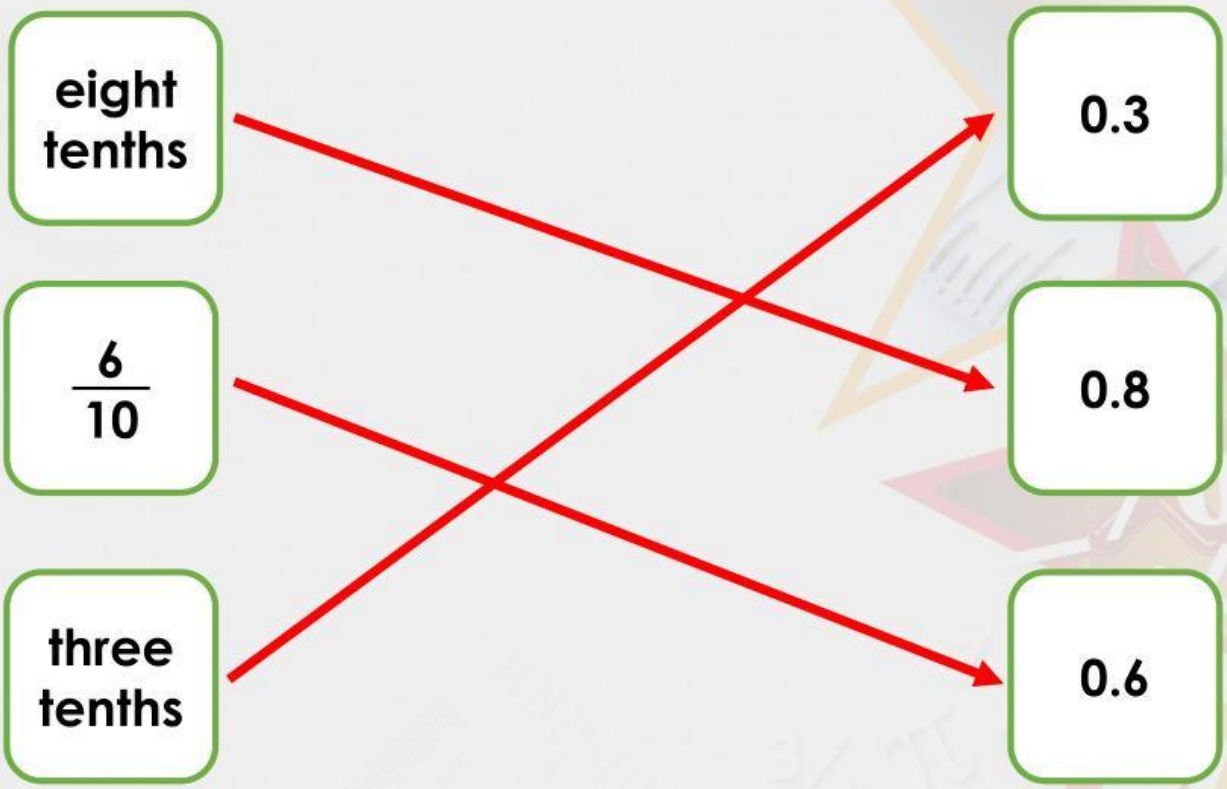
Match the fractions to the correct decimal.

eight tenths	0.3
$\frac{6}{10}$	0.8
three tenths	0.6

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Varied Fluency 1

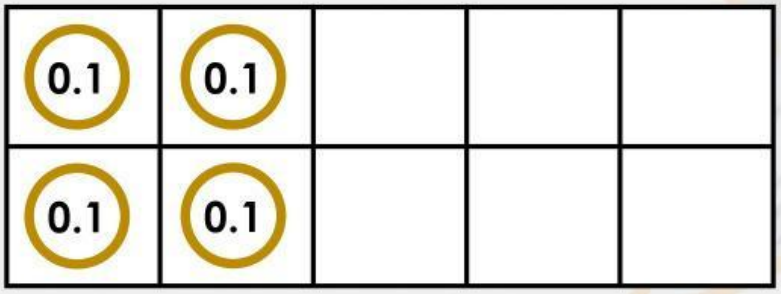
Match the fractions to the correct decimal.



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Varied Fluency 2

Use the image to complete the fraction and decimal.



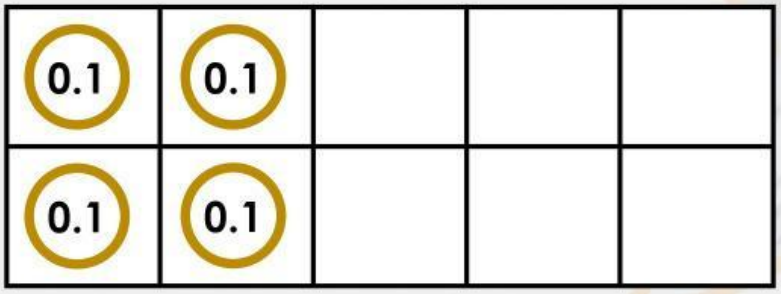
$\frac{\square}{10}$

0.4

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Varied Fluency 2

Use the image to complete the fraction and decimal.



$$\frac{4}{10}$$

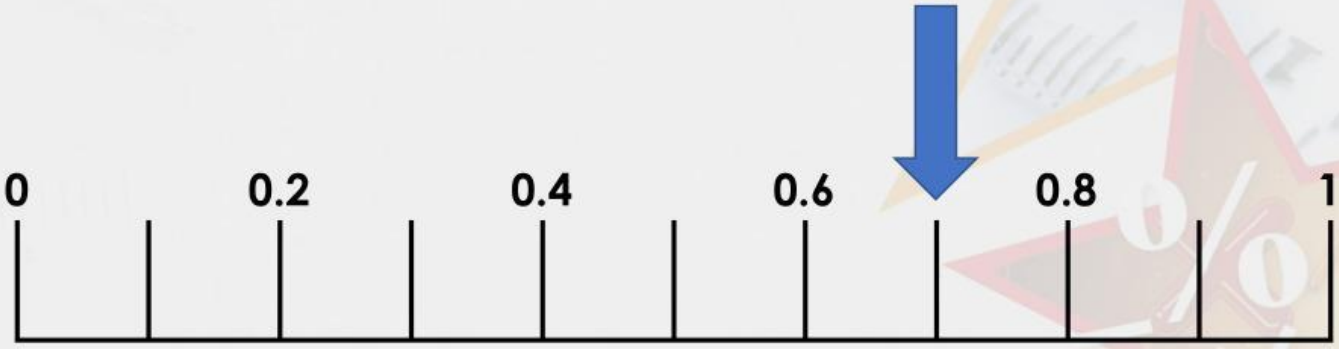
0.4

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Varied Fluency 3

True or false?

The arrow shows 0.7.



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Varied Fluency 3

True or false?

The arrow shows 0.7.

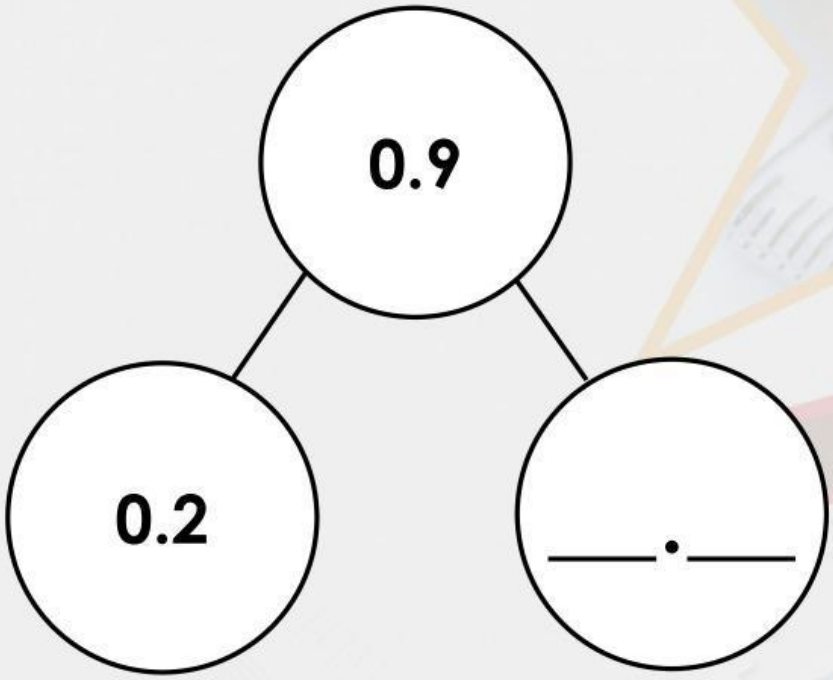


True

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Varied Fluency 4

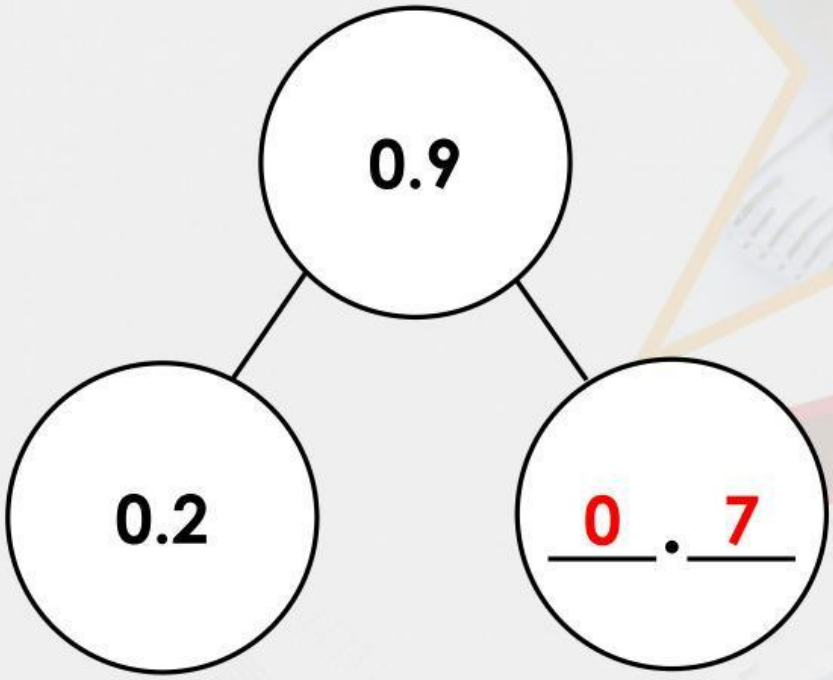
Complete the part whole model.



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Varied Fluency 4

Complete the part whole model.



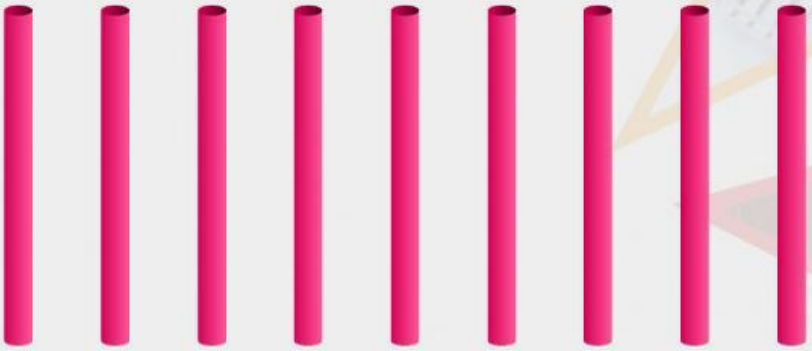
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Reasoning 1

Daisy is using straws to represent tenths.
One straw is equal to one tenth.



I have made 0.7.



Is Daisy correct? Explain your answer.

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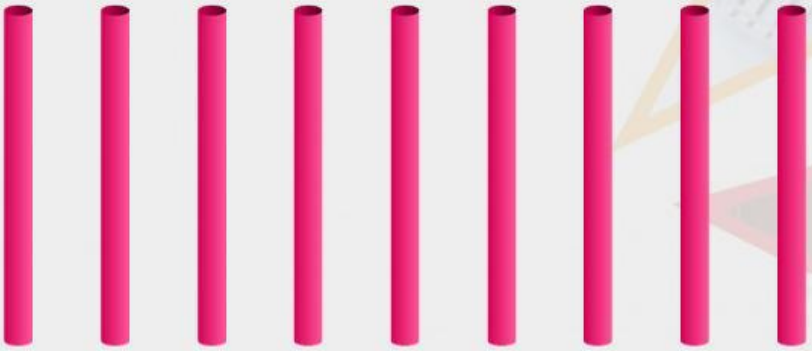
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Reasoning 1

Daisy is using straws to represent tenths.
One straw is equal to one tenth.



I have made 0.7.



Is Daisy correct? Explain your answer.

No because...

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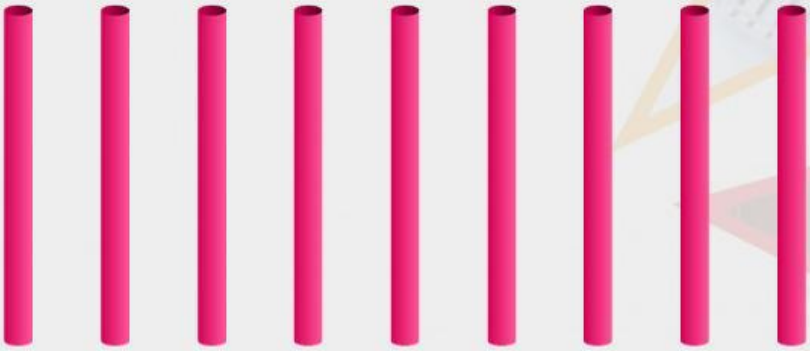
LIVEWORKSHEETS

Reasoning 1

Daisy is using straws to represent tenths.
One straw is equal to one tenth.



I have made 0.7.



Is Daisy correct? Explain your answer.

No because she has used nine straws which would represent 0.9.

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