



YR3 PROGRESSION IN MASTERY LESSON PACK - TENTHS

FLUENCY 1

Tenths are made when an object or number is divided
into _____ equal parts.

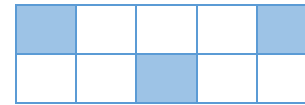
FLUENCY 2

Colour the correct amount then label the tenths.

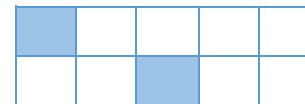
four tenths	one tenth	six tenths

FLUENCY 3

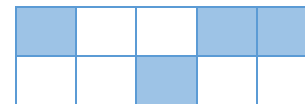
Match the image to the amount.



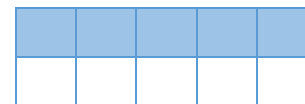
$$\frac{2}{10}$$



five tenths



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



three tenths



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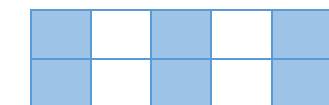
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REASONING 1

Spot the odd one out.



$$\frac{5}{10}$$



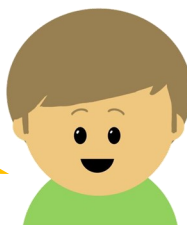
five tenths

Why is it wrong?

REASONING 2

True or False?

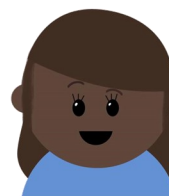
When I write tenths as fractions, the numerator is always ten.



Why?

REASONING 3

Do you agree with Anita?



I have shown one tenth because 1 part is coloured and ten parts are white.

Explain what you know.

REASONING 4

Draw something to prove that :

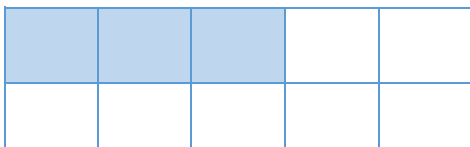
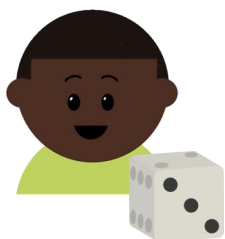
Three tenths plus seven tenths is equal to one whole.



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PROBLEM SOLVING 1

Caleb and Jane are playing a game of 'Take the tenths'.



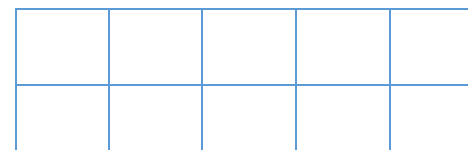
Caleb has rolled a 3 on the die so coloured $\frac{3}{10}$ in.

If they each have 1 more turn and by the last roll they have coloured all of the tenths, what numbers could they roll?

Can you fill in the gaps to write it as a number sentence?

$$\frac{3}{10} + \frac{\quad}{10} + \frac{\quad}{10} =$$

PROBLEM SOLVING 1 EXTENSION



In pairs, using a blank tens frame, can you play your own game of 'Take the Tenths'?

Take it in turns to roll a die and then colour that amount of tenths in.

The frame must be coloured exactly, if someone rolls too many nothing is coloured and the next player takes their turn.

Who can colour the last square in?



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