L.K: Recognising decimal tenths
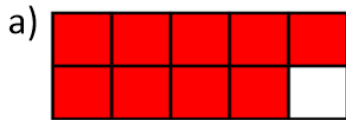
❓ *What fraction of each shape has been shaded?*

a)

b)

c)

e)

d)

2 Can you convert the fractions into decimals? For example, 1/10 would be equivalent to 0.1.

Represent each fraction as a decimal and draw

what it is worth in Dienes.

Example: $1\frac{6}{10}$ = 1.6 =

$\frac{6}{10}$ $\qquad$ $\frac{2}{10}$ $\qquad$ $\frac{9}{10}$ $\qquad$ $\frac{3}{10}$ $\qquad$ $3\frac{7}{10}$

$4\frac{1}{10}$ $\qquad$ $2\frac{5}{10}$ $\qquad$ $1\frac{7}{10}$ $\qquad$ $5\frac{3}{10}$ $\qquad$ $4\frac{8}{10}$

1) A ruler measures a pencil and finds it to be 13mm long. Another pencil is measured at 1.6cm long. Using your knowledge of measurements, which pencil is longer? How do you know that you are correct?

2) If I have a container and it holds 0.6 litres of milk, what would this be as a fraction? Would it be more or less than half?

3) I have 20 pennies in a row. I take away 6 of them. What amount have I taken away and what amount do I have left in:
a) decimals?
b) fractions?

4) The temperature is 12 degrees. If it was to increase by $\frac{3}{5}$ then what temperature would it be? How much has it increased by in decimals?