LO: TBAT find equivalent decimals and fractions.
Success Criteria:

1. Recap your knowledge of fractions.
2. Compare the fractions to the percentage.
3. Work out the percentages for the questions.

Model
(1) I count the squares on the grid to find the denominator or the Total There are 100 squares on thegurd.
(2) Then, I count the amount of red squares, there are 20 Ned squares.
(3) To unite as a fraction, they total goes an the bottom: 100 (denominator) and the amount of red squares goes on the top (numerator) 20/100
(4) Percenege means out of 100 so $20 / 100$ $=20 \%$

Now you try...
Look at the coloured grid.
(D) What fraction of the grid is red?
(2) What percentage of the grid is yellow?
(3) Is the purple area of the grid greater or less than $40 \%$ ?
(3) Which colour is $20 \%$ of the grid?
(5) What colour is exactly $\frac{1}{4}$ of the grid?
(6) Write the non-coloured part of the grid as a decimal.


LO: TBAT solve problems including percentages.
Task:
You are going apply your knowledge to solve several problems including percentages.
Success Criteria:

1. Convert the fractions to percentages.
2. To find fractions of amounts start by finding $10 \%$ to help you.
3. For some questions you may need to use one of the 4 operations.

Recap:

Converting fractions to percentages

you must multiply the denominator to make 100 . $\$$ Then you multiply the numerator by the same number.

Finding percentages and fractions of amounts. $50 \%=1 / 2$ because $1 / 2 \times 50 \frac{50}{100}$ To find $50 \%$ of an amount we divide by 2 or find $1 / 2$. $50 \%$ of $10=5$

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10 \div 2=5
$$

To find $55 \%$, first find $50 \%$. Then find $5 \%$ and add together. $55 \%$ of $140=77$

$$
50 \% \text { of } 140=140 \div 2=70
$$

$$
\begin{aligned}
& 5 \% \text { of } 140=140 \div 10=14,14 \div 2=7 \\
& 70+7=77
\end{aligned}
$$

$$
70+7=77
$$

## Canonbury Home Learning

## Year 6 Maths

## Main activity

Complete at least 2 columns, more if you can!


Canonbury Home Learning

## Task 4

200 children went on holiday.
$10 \%$ of the children went to Wales.
$25 \%$ of the children went to Scotland
How many more children went to Scotland than went to Wales?

## Task 3

Amir says 0.3 is less than $12 \%$ because 3
is less than 12

Explain why Amir is wrong.

