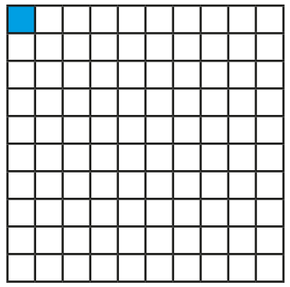
Equivalent FDP

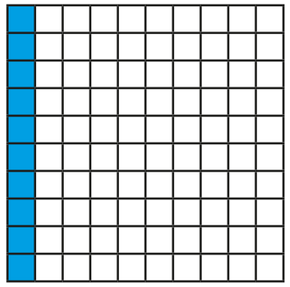
1 What fraction, decimal and percentage of each grid is shaded blue?



fraction = $\frac{1}{100}$

decimal = 0·01

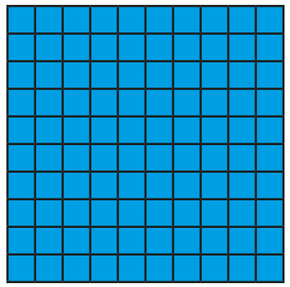
percentage = 1 %



fraction = $\frac{1}{10}$

decimal = 0·1

percentage = 10 %

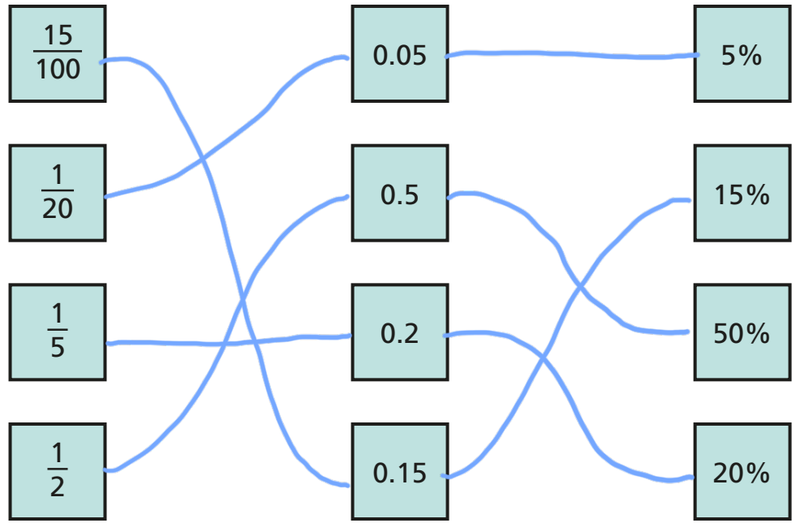


fraction = $\frac{100}{100}$

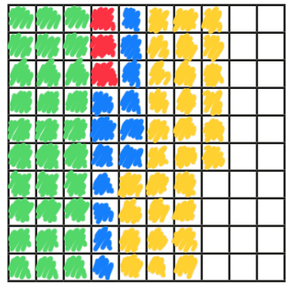
decimal = 1

percentage = 100 %

2 Match the equivalent fractions, decimals and percentages.



3 **a)** Shade the grid in the given proportions.



- $\frac{3}{10}$ green
- 0.03 red
- 13% blue
- 0.3 yellow

b) What proportion of the grid is unshaded?

Write your answer as a fraction, decimal and percentage.

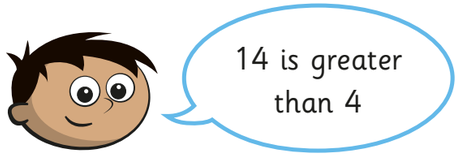
fraction = $\frac{6}{25}$ decimal = 0·24 percentage = 24 %

4 Complete the table.

Fraction	Decimal	Percentage
$\frac{21}{100}$	0.21	21 %
$\frac{3}{25}$	0·12	12%
$\frac{2}{10}$	0·2	20 %
$\frac{2}{5}$	0.4	40 %.
$\frac{11}{25}$	0.44	44 %.
$\frac{1}{25}$	0·04	4%
$\frac{3}{4}$	0·75	75 %
$\frac{99}{100}$	0.99	99 %

5 Amir was asked to complete the statement using <, > or =.

14% (>) 0.4

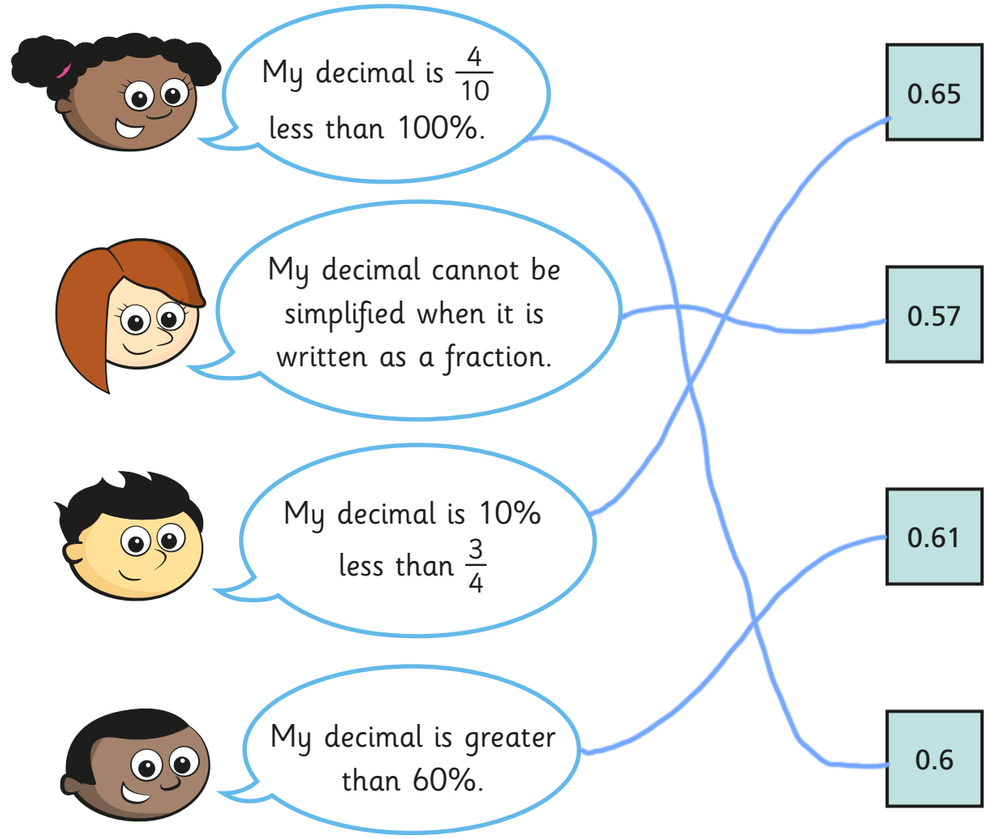


What mistake has Amir made?

He hasn't compared them in the same form. 0·4 = 40 %

and 40% > 14 % so 14 % < 0·4

6 Match the decimal cards to the people.



7 Use the digit cards to write a decimal greater than $\frac{1}{5}$ but less than 40%.

You may not use a card more than once in each number.

0	1	2	3	4	5

E.g. 0 . 2 4

How many other answers can you find?