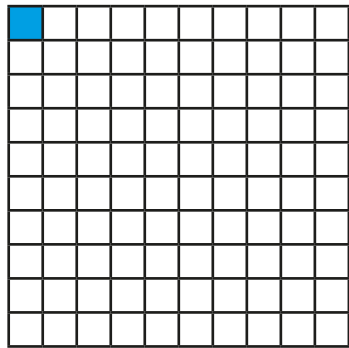
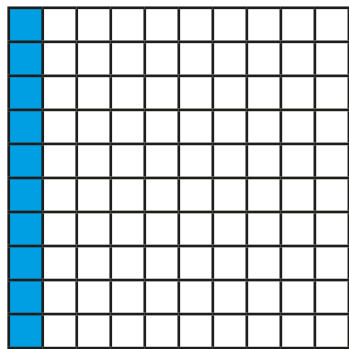


# Equivalent FDP

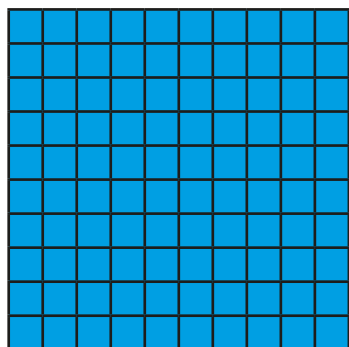
- 1 What fraction, decimal and percentage of each grid is shaded blue?



fraction =  $\frac{1}{100}$   
decimal = 0.01  
percentage = 1%

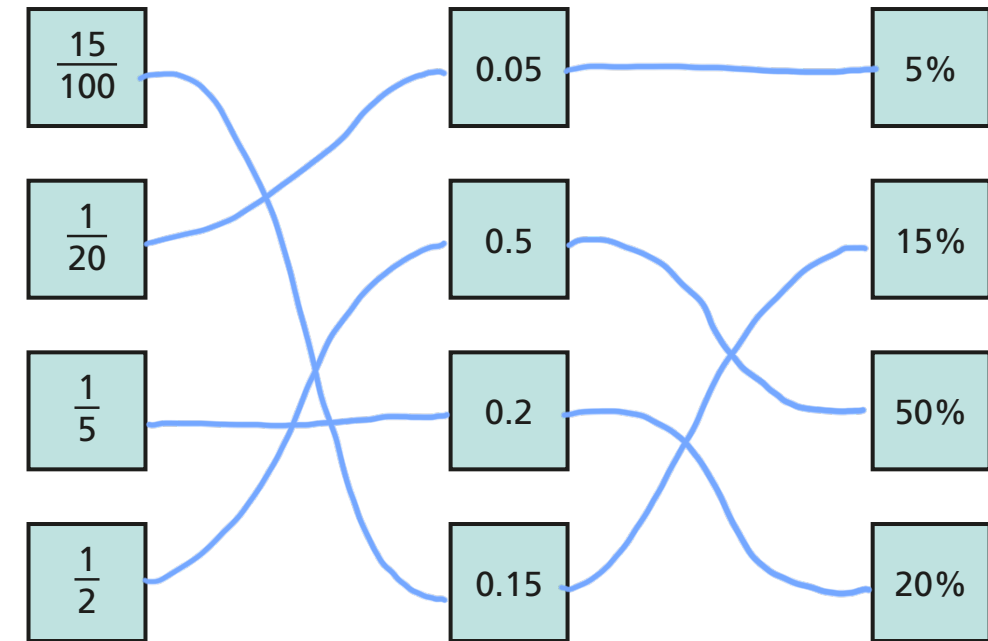


fraction =  $\frac{1}{10}$   
decimal = 0.1  
percentage = 10%



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



14 is greater than 4

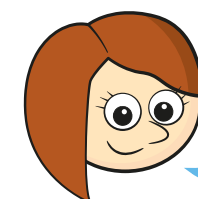
What mistake has Amir made?

He hasn't compared them in the same form.  $0.4 = 40\%$   
and  $40\% > 14\%$  so  $14\% < 0.4$

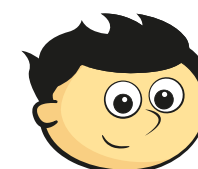
6 Match the decimal cards to the people.



My decimal is  $\frac{4}{10}$  less than 100%.



My decimal cannot be simplified when it is written as a fraction.



My decimal is 10% less than  $\frac{3}{4}$



My decimal is greater than 60%.

0.65

0.57

0.61

0.6

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.



Eg. 0.24

How many other answers can you find?