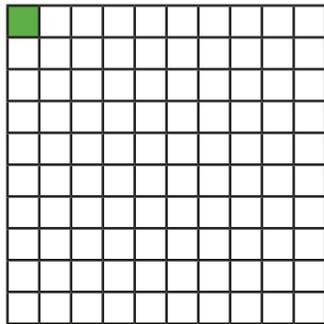


# Equivalent fractions, decimals and percentages

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

a)

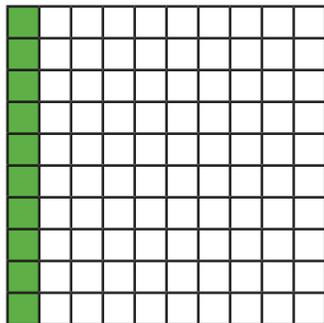


fraction =

decimal =

percentage =

b)

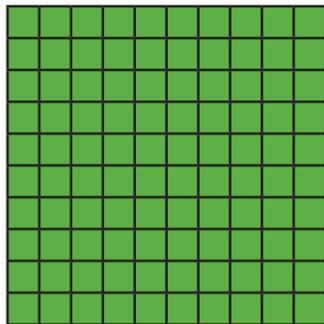


fraction =

decimal =

percentage =

c)



fraction =

decimal =

percentage =

2 Match the equivalent fractions, decimals and percentages.

$\frac{15}{100}$

0.05

5%

$\frac{1}{20}$

0.5

15%

$\frac{1}{5}$

0.2

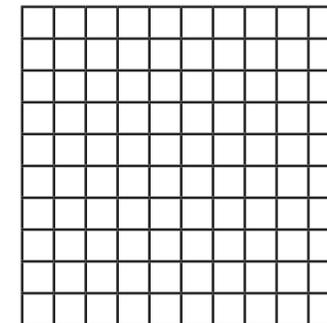
50%

$\frac{1}{2}$

0.15

20%

3 Here is a hundred square.



a) Shade the hundred square in the given proportions.

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

b) What proportion of the hundred square is unshaded?

Write your answer as a fraction, decimal and percentage.

fraction =  decimal =  percentage =

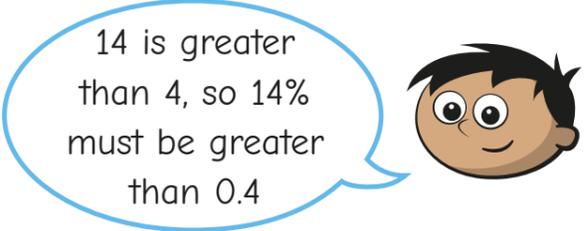


4 Complete the table.

Fraction	Decimal	Percentage
	0.21	
		12%
$\frac{2}{10}$		
	0.4	
	0.44	
		4%
$\frac{3}{4}$		
	0.99	

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

14%  $>$  0.4



a) What mistake has Amir made?

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b) Write  $<$ ,  $>$  or  $=$  to complete the statement.

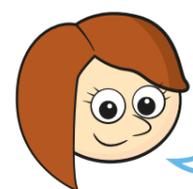
14%  $\bigcirc$  0.4

6 Match the children to the decimal cards.



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

0.65



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

0.57



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

0.61



My decimal is less than 60%.

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.

0

1

2

3

4

5

.

How many other answers can you find?