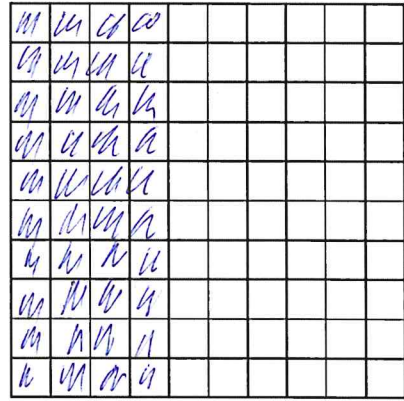
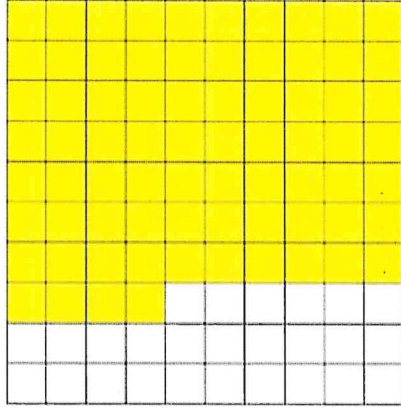
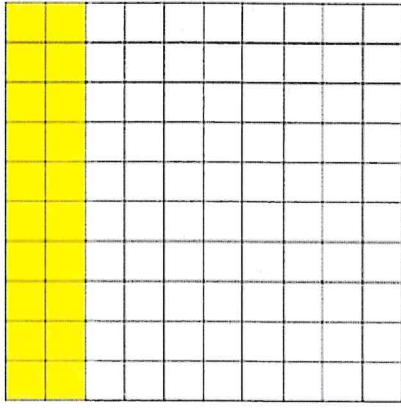


26/01/21

$\frac{20}{100} = 20\%$

$\frac{14}{100} = 14\%$

What fraction of the 100 square is shaded? Write this as a percentage?



Shade in the blank 100 square to show 40%.

Any 40 coloured in.

What numbers have been covered by the splats?

$\frac{12}{100} = 12\%$

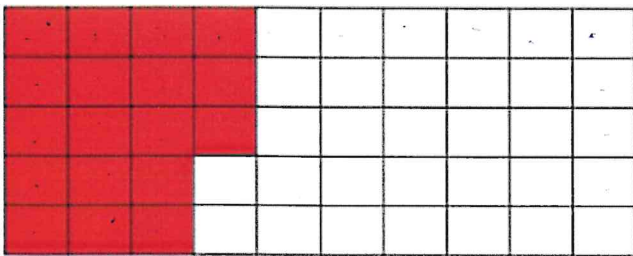
$\frac{35}{100} = 35\%$

$\frac{12}{50} = 24\%$

$\frac{44}{200} = 22\%$

$\frac{24}{100}$

$\frac{22 \times 2}{100 \times 2} = \frac{44}{200}$



$\frac{18}{50} \times 2 = \frac{36}{100} = 36\%$

Mark thinks that 18% of this grid has been shaded.

Nisha thinks that 36% of the grid has been shaded.

Who do you agree with? *Nisha*

Explain your reasoning.

Joe and Aimee both took a times table test.

Joe says,

I scored the most as  
I got 6 out of 10.



Aimee says,

I disagree. I scored  
50% which is more  
than 6 out of 10.



Who is correct? *Joe*

Explain your reasoning.

$$\frac{6}{10} = 60\%$$

*60% is more than  
50%*

### Working Deeper

Match each fraction to its correct percentage equivalent.

$$\frac{12}{50} \xrightarrow{\times 24} \frac{24}{100}$$

12%

16%

$$\frac{12}{75} \xrightarrow{\div 3} \frac{4}{25} \xrightarrow{\times 4} \frac{16}{100}$$

24%

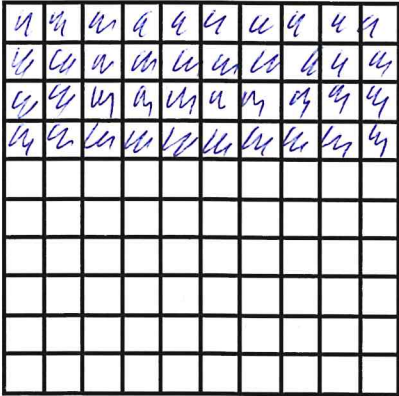
40%

$$\frac{24}{40} \xrightarrow{\div 4} \frac{6}{10} \xrightarrow{\times 10} \frac{60}{100}$$

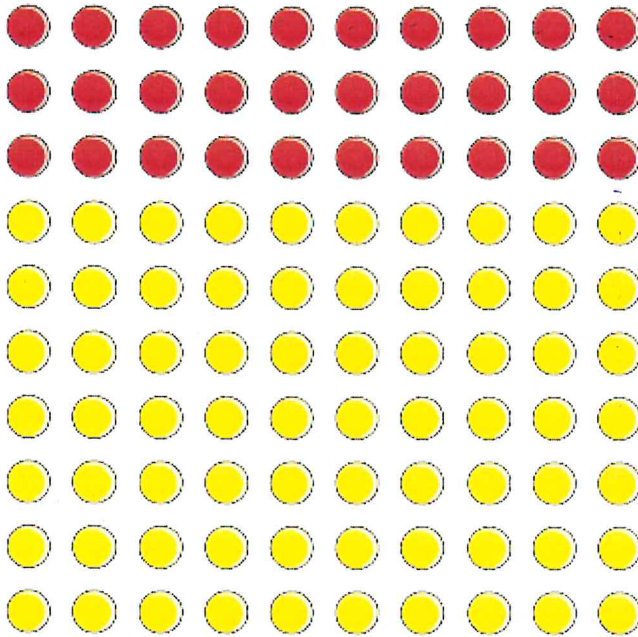
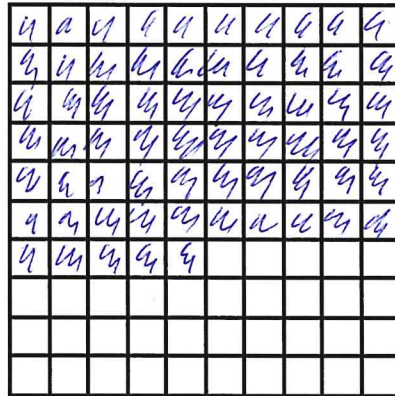
60%

Shade the hundred squares to represent the fractions.

$$\frac{40}{100}$$



$$\frac{65}{100}$$



a) What fraction of the array of counters is red?

$$\frac{30}{100}$$

b) What fraction of the array of counters is yellow?

$$\frac{70}{100}$$

c) What percentage of the array of counters is red?

$$30\%$$

d) What percentage of the array of counters is yellow?

$$70\%$$

$$45\% \equiv \frac{45}{100} \equiv 0.45$$

$$76\% \equiv \frac{76}{100} \equiv 0.76$$

$$92\% \equiv \frac{92}{100} \equiv 0.92$$

$$25\% \equiv \frac{25}{100} \equiv 0.25$$

$$30\% \equiv \frac{30}{100} \equiv 0.30$$

$$8\% \equiv \frac{8}{100} \equiv 0.08$$

$$40\% \equiv \frac{20^{\cancel{40}}}{50^{\cancel{100}}} \equiv 0.40$$

$$24\% \equiv \frac{12^{\cancel{24}}}{50^{\cancel{100}}} \equiv 0.24$$