

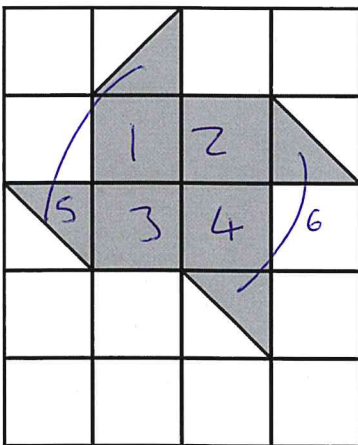
Match each percentage to the correct equivalent.

75%	<del>————</del>	$\frac{2}{5}$	$\frac{4}{10}$	$= \frac{40}{100}$
40%	<del>————</del>	0.75		
15%	<del>————</del>	0.50		
50%	<del>————</del>	$\frac{15}{100}$		

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

Explain why Amir is wrong.  $0.3 = 0.30 = 30\%$  which is bigger than 12%.

Here is a grid of 20 squares.



$$\frac{6}{20} \xrightarrow{\times 5} \frac{30}{100} = 30\%$$

What percentage of the grid is shaded?

Match the decimal cards to the people.



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

$100 - 40 = 60\%$   
 $0.6$

0.65



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

0.57



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

$75 - 10 = 65$   
 $0.65$

0.61



My decimal is greater than 60%.

$0.61$   
 $0.65$

0.6

### Working Deeper

Complete the missing information using a decimal and a percentage.

Can you find more than one solution?

$25\% \frac{1}{4} = 75\% - \boxed{20\%}$  — 3 tenths

$40\% = \frac{1}{5} + \boxed{10\%} + \boxed{10\%}$

$\frac{2}{10} = 20\%$

$$\begin{array}{r} 75 \\ -30 \\ \hline 45 \\ -20 \\ \hline \end{array}$$