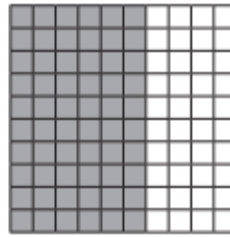


24.2.21 MLJ is to solve problems using my knowledge of percentages, decimal equivalents and fractions 😊 😐 ? (Year 6)

Percent means part per hundred and is expressed using the symbol %.

Here, 60% has been shaded grey.

It is the same as 60 hundredths. $\frac{60}{100} = 0.60 = 60\%$



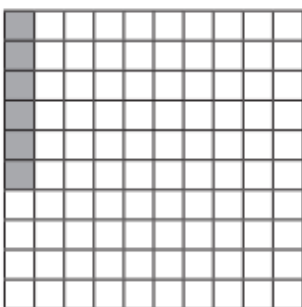
1. I share an extra large pizza with my friend for lunch. I eat $\frac{3}{5}$ of it, and he eats $\frac{3}{10}$. What percentage of the pizza is left?

2. I love chocolate. My mum buys a big bar and says I can have $\frac{1}{5}$, 10% or 0.12 of the bar. Which of these will give me the most chocolate?

Hint – use a 100 square to help you – remember to make everything out of 100.

Red Hot Challenge

These grids are set up a little differently. Figure out what each square represents and then answer the questions.

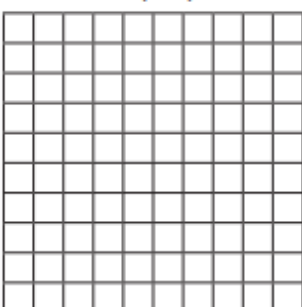


Problem 1

These 6 squares have a value of 36.

- a What is the value of 1 square? _____
- b What is the value of the entire grid? _____
- c If 50% of the grid is shaded, what value is shaded? _____

300 people



Problem 3

- a If this grid represents 300 people, what does each square represent? _____
- b How many people are represented by ten squares? _____
- c 60 of the 300 people like watching sports. Represent this on the grid in red.
- d 225 people prefer playing sport to watching it. Represent this in green.