



31st January

There are 24 students in Michael's class.

A third of the class cycle to school.  
Three eighths of the class walk.  
The rest of the class travel by bus.

How many students travel by bus?

$$\frac{1}{3} \times 24 = 8$$

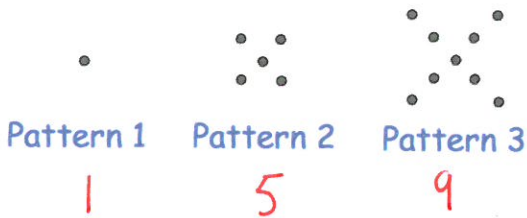
$$\frac{3}{8} \times 24 = 9$$

$$24 - (8 + 9)$$

$$24 - 17 = 7 \text{ by bus}$$

Write 94 out of 200 as a percentage.

$$\frac{94}{200} = \frac{47}{100} = 47\%$$



How many dots will there be in Pattern 6?

$$4 \quad 9 + 4 = 13$$

$$5 \quad 13 + 4 = 17$$

$$6 \quad 17 + 4 = 21$$

Mia has five numbered cards.

One of these cards is chosen at random.

Mia says:

The probability of an odd number is  $\frac{3}{5}$

The probability of a 7 is  $\frac{2}{5}$  *27s*

The range of the numbers is 10

The probability of a 2 is 0.

Fill in three numbers that could be on Mia's cards



*Both even  
4 upwards  
one 10 more than other*

Work out 130% of 600

$$\frac{130}{100} \times 600 = 780$$

Work out 225% of 40

$$\frac{225}{100} \times 40 = 90$$