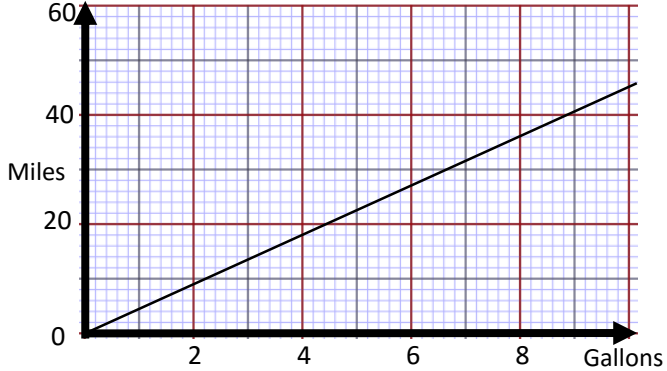
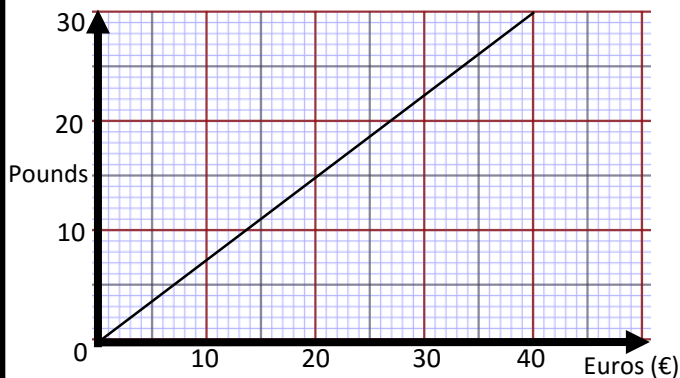


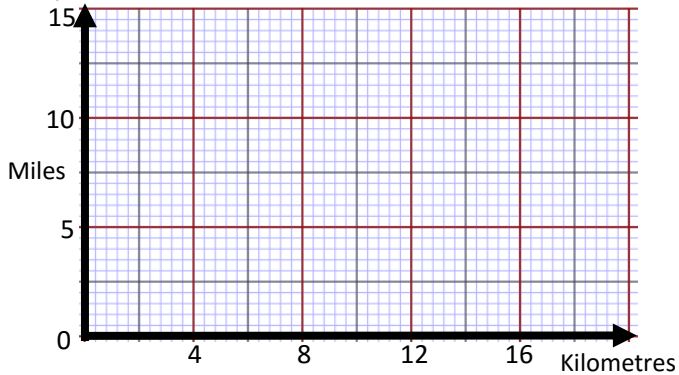
Graph A Conversion between gallons and litres



Graph B Conversion between Euros and Pounds



Graph C Conversion between Kilometres and Miles



Interpolate information

Use graph A to convert
(a) 6 gallons to litres.

(b) 10 litres to gallons.

Use graph B to convert
(c) 30 Euros to Pounds.

(d) 8 Pounds to Euros.

Skill 1

Extrapolate information

Use graph A to convert
(a) 24 gallons to litres.
(b) 100 litres to gallons.

Use graph B to convert
(c) 75 Euros to Pounds.
(d) 55 Pounds to Euros.

Skill 2

(e) A Camera in England costs £198. The same camera costs €270 in Germany.
In which country is the camera the cheapest?

Bradley Wiggins knows that 5 miles is the same as 8 kilometres.

(a) Represent this information on the graph C.

(b) Bradley is getting ready to complete the Tour de France again which is 3,500km. Extrapolate information from your graph C to calculate how many miles this would be.

Stretch



Literacy

Describe the difference between interpolating and extrapolating data.



Memory

To read information from a graph the best method is to use your ruler to draw lines connecting the graph to the right value.

e.g.
Convert £1 into dollars.
£1 is equivalent to \$1.50

