Workout

Question 1:
(a)   How long should a 120 mile journey take?

(b)   How long should a 270 mile journey take?

(c)   Carlos has spent 1 hour travelling.
      What distance is he expected to
      have travelled?

(d)   Rosie has spent 3.5 hours travelling.
      What distance is she expected to
      have travelled?
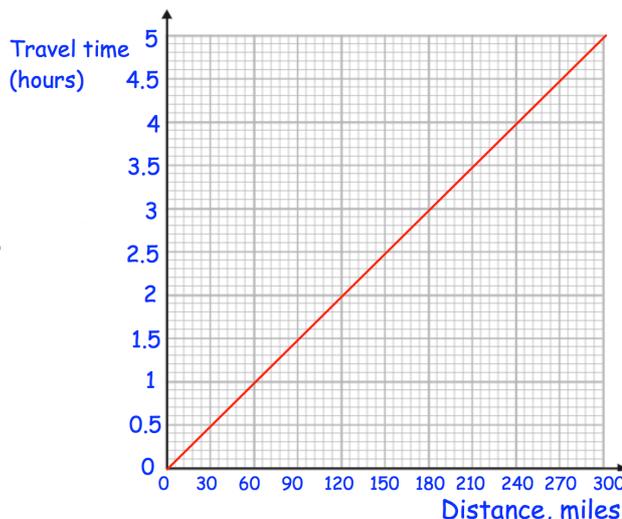
Question 2:
(a)   Change £20 into Polish złoty

(b)   Change £90 into Polish złoty

(c)   Change 300zł into UK pounds

(d)   Change 450zł into UK pounds

(e)   Change £50 into Polish złoty

(f)   Change £200 into Polish złoty

(g)   Change 800zł into UK pounds
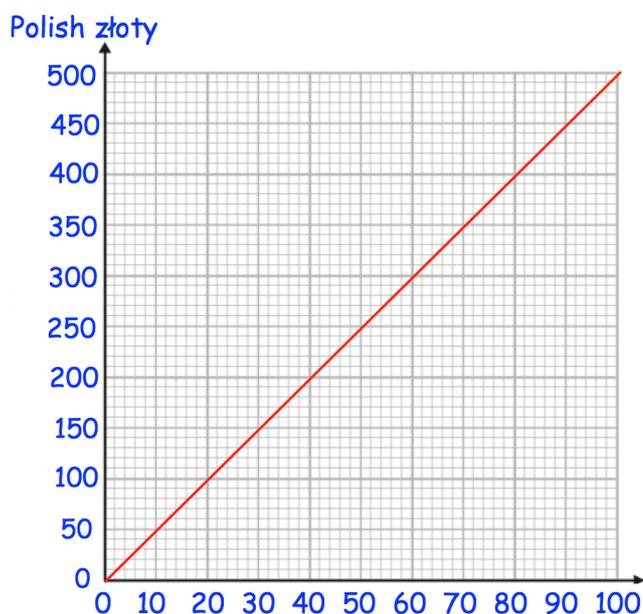
Question 3:   This conversion graph can
be used to change between miles and
kilometres.

(a)   Change 5 miles into kilometres

(b)   Change 1 mile into kilometres

(c)   Change 6km into miles

(d)   Change 4.8km into miles

(e)   Change 20 miles into kilometres

(f)   Change 16km into miles
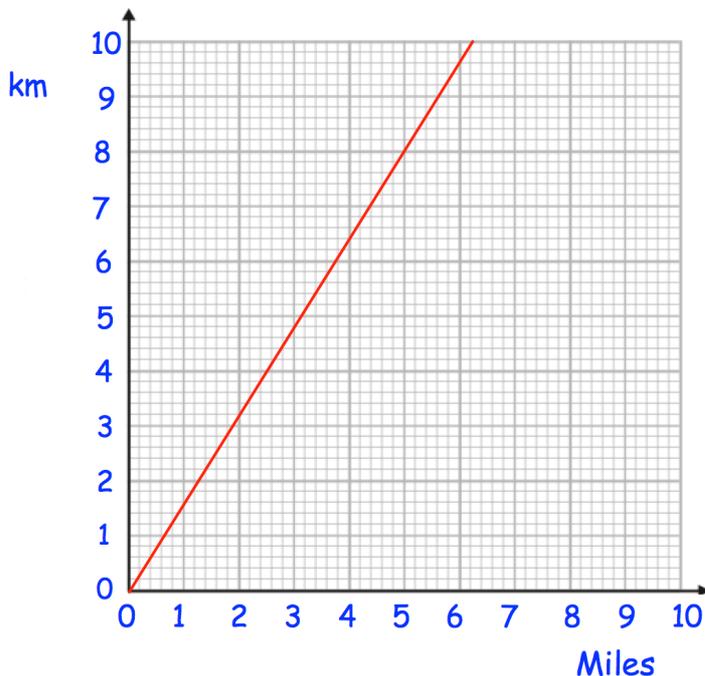
Question 4:   Draw conversion graphs for the following sets of information.

(a)   A conversion graph to convert between UK pound and South African Rand.

Horizontal axis: UK pound from £0 to 10
Vertical axis: South African Rand from 0 to 200 Rand

Pounds	0	1	2	3
SA Rand	0	20	40	60

(b)   A conversion graph for hours and cost of driving lessons.

Horizontal axis: Hours from 0 to 10
Vertical axis: Cost (decide scale yourself)

Hours	1	4
Cost	£15	£60

(c)   A conversion graph to show how to change from kilograms to pounds.

Horizontal axis: Kilograms from 0kg to 10kg
Vertical axis: Pounds (decide scale yourself)

Kilograms, kg	5
Pounds, lb	11

(d)   A conversion graph to convert between Euros and US Dollars.

Horizontal axis: Euros from 0 to €100
Vertical axis: US Dollar (decide scale yourself)

| US Dollars	$ 77
Euros	€ 70

Apply

Question 1:

Richard has ₺300 and £800.
He buys a flight that costs ₺900

He pays use the ₺300 and some of the pounds.

Work out how many pounds he has left.
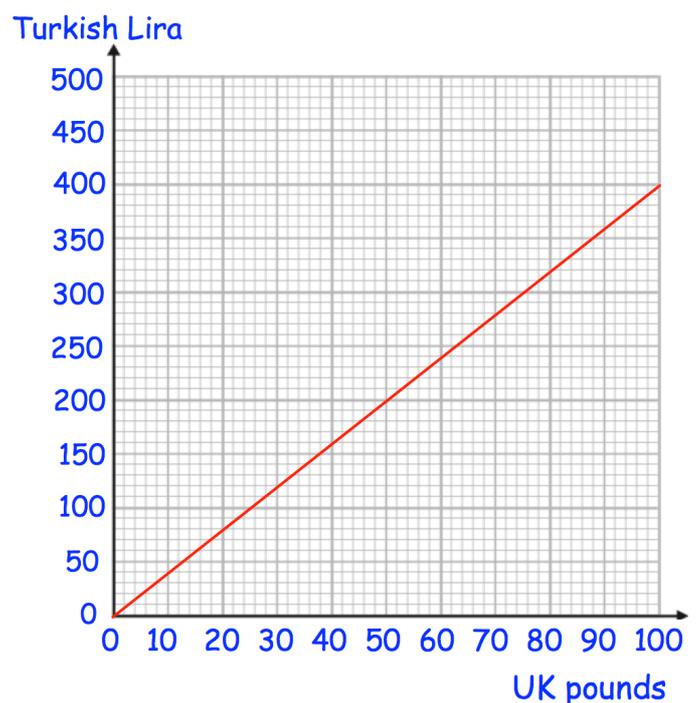
Question 2:

Jenny's weight is 65kg.
1 stone = 14 pounds.

What is Jenny's weight in stones and pounds?
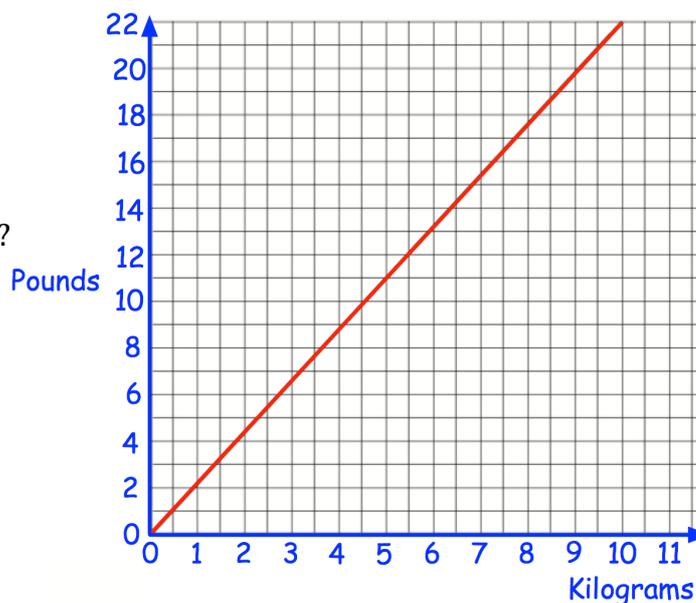
Question 3:   The two conversion graphs below show how to change between some
              currencies.
              Convert £800 into Euros.
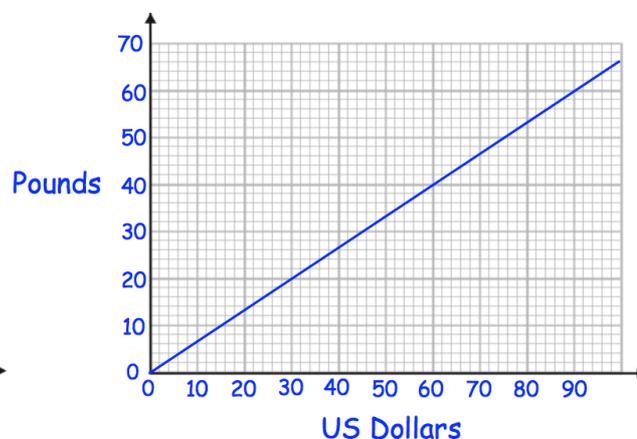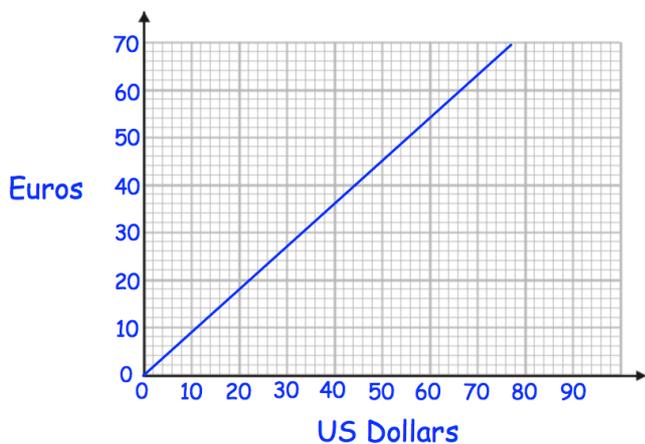
Question 4:   5 miles ≈ 8 kilometres

(a) Use this information to draw a conversion
    graph.

A car is travelling 60km/h.

(b) Use the graph to convert this into mph.