

13. For this question you are told that

11 pounds (lb) are equivalent to 5 kilograms (kg)

- (i) How many kilograms are equivalent to 55 pounds?

Answer: kg (1)

- (ii) On the grid opposite draw a graph to convert pounds to kilograms for masses up to 55 pounds. (2)

- (iii) Use your graph to answer the following questions, showing clearly where you take your readings.

- (a) The baggage allowance on *Orbital Airways* is 15 kg.
What is the equivalent mass in pounds?

Answer: lb (2)

- (b) A prize turkey has a mass of 48 lb.
What is the equivalent mass in kilograms?
Give your answer to the nearest kilogram.

Answer: kg (2)