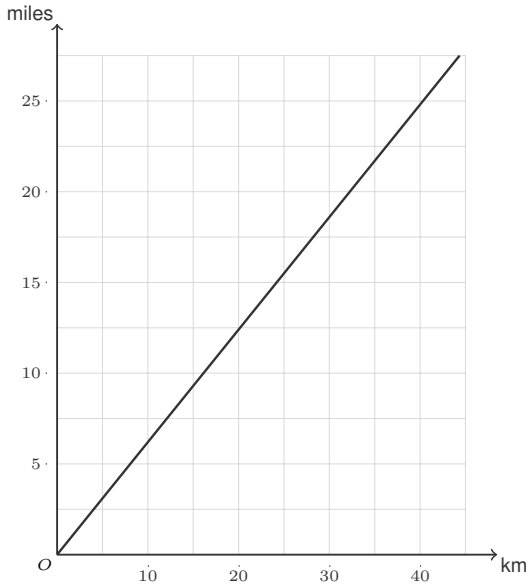
1 The conversion graph between kilometres and miles is drawn. **Draw the dashed lines you use every time.**

Kilometres across, miles up.



(a) Convert 20 km into miles (2)

(b) Convert 35 km into miles (2)

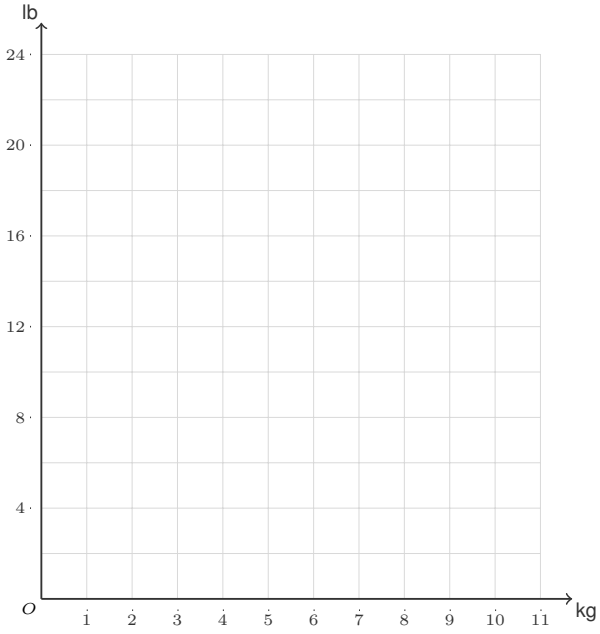
(c) Convert 15 miles into kilometres (2)

(d) **Which of the three took more work?** (2)

(8 marks)

2 1 kilogram is 2.2 pounds. **Draw the conversion graph for 0 to 10 kg**, then use it.

Plot $(0, 0)$ and $(10, 22)$, and rule the line to both edges. Label both axes.



(a) the graph (3)

(b) Convert 7 kg into pounds (2)

(c) Convert 15 pounds into kilograms (2)

(7 marks)

3 Use the kilogram and pound graph you drew.

(a) How many pounds is 1 kilogram? (1)

(b) **Say how you found that from the graph.** (2)

(3 marks)