



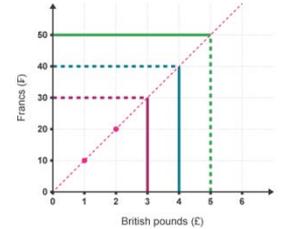
Starter

- 1) 6kg =g
- 2) 7500g = kg
- 3) 935.2 ml =l

Top Tips!

A **conversion graph** is used to change one unit into another.

Always a **straight line** graph

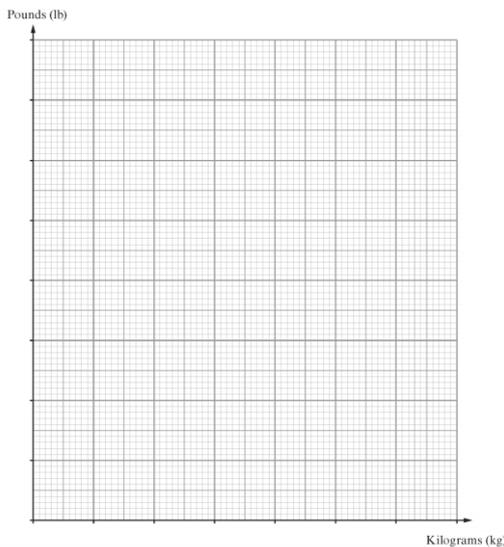


Skills:

In a hospital clinic the following information is used to convert between kilograms (kg) and pounds (lb).

Kilograms (kg)	0	39	68
Pounds (lb)	0	86	150

(a) Use the information in the table to draw a conversion graph. [2]



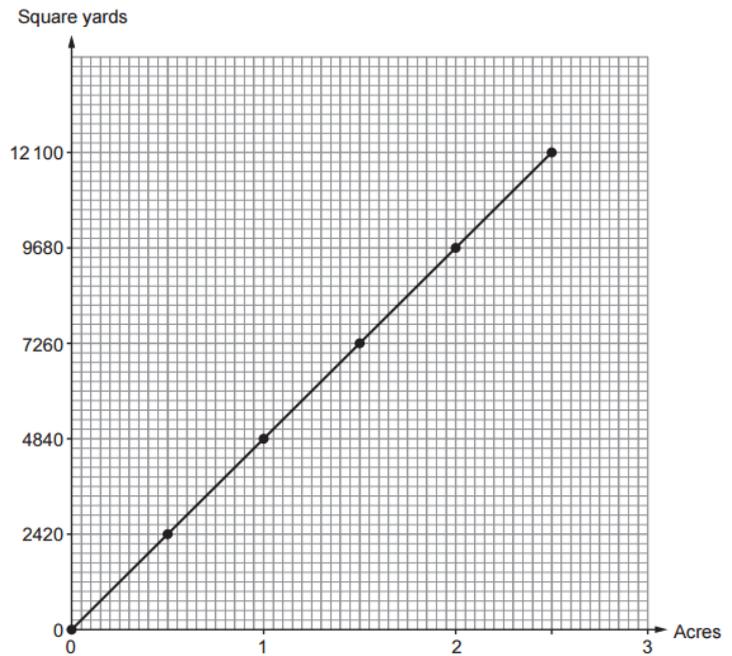
(b) Use your graph to find an estimate for 50 kilograms in pounds. [1]

(c) Find an estimate for 200 pounds in kilograms. [2]

Examination Question: 2016 November Numeracy U1 Intermediate Q1

Marcus is a farmer.

He has his own conversion graph to change between acres and square yards.



Complete each of the following statements.

(a) 3 acres is equal to square yards. [1]

(b) 5.5 acres is equal to square yards. [2]

Assessment for Learning

Video / QR code

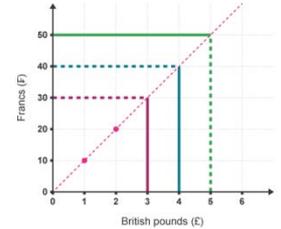


Starter

- 1) 6kg = 6000 g
- 2) 7500g = 7.5 kg
- 3) 935.2 ml = 0.9352 l

Top Tips!

A **conversion graph** is used to change one unit into another.

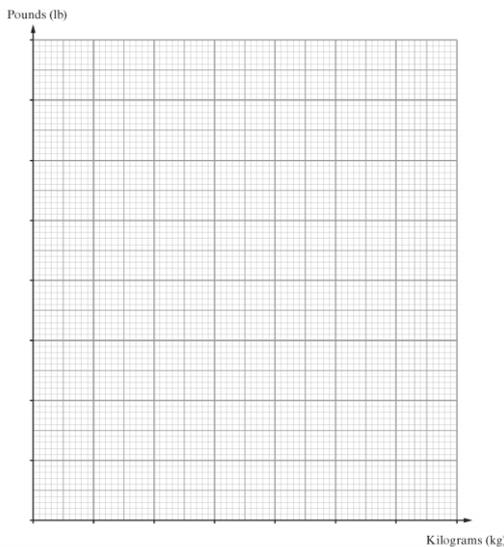


Skills:

In a hospital clinic the following information is used to convert between kilograms (kg) and pounds (lb).

Kilograms (kg)	0	39	68
Pounds (lb)	0	86	150

(a) Use the information in the table to draw a conversion graph. [2]



(b) Use your graph to find an estimate for 50 kilograms in pounds. [1]

Approximately 110 (lbs)

(c) Find an estimate for 200 pounds in kilograms. [2]

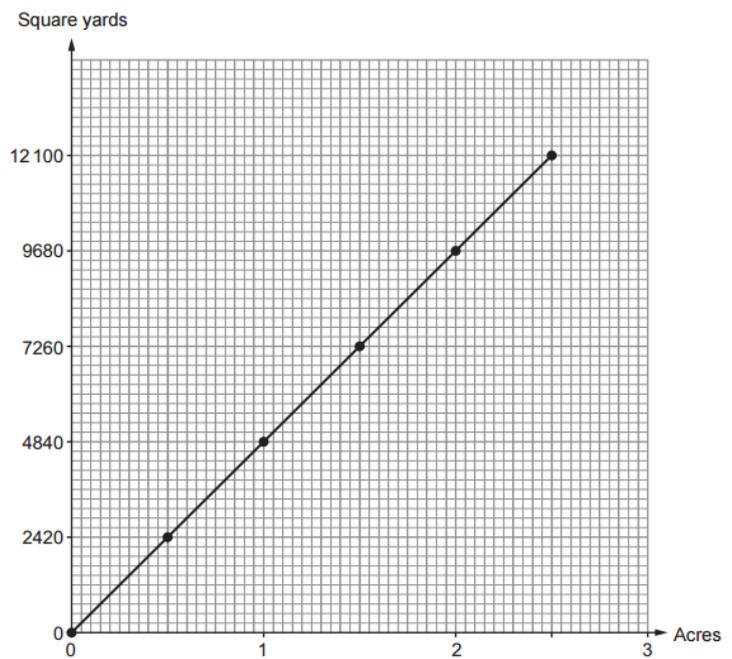
Approximately 91(kg)

Accept answers in range 85-95

Examination Question: 2016 November Numeracy U1 Intermediate Q1

Marcus is a farmer.

He has his own conversion graph to change between acres and square yards.



Complete each of the following statements.

(a) 3 acres is equal to 14520 square yards. [1]

(12100 + 2420 = 14520)

(b) 5.5 acres is equal to 26,620 square yards. [2]

From the graph we know:

1 Acre = 4,840, 2 Acres = 9,680, 3 Acres = 14,520

Therefore, 5.5 acres = 3 acres + 2 acres + 0.5 acre

= 14,520 + 9,680 + 2,240

= 26,620 square yards