St. Mary's Catholic High School, Muhaisnah

CONVERSION GRAPHS

LO: To interpret a conversion graph.

SUCCESS CRITERIA

ALL can able to use a conversion graph to make calculations

MOST can able to draw a conversion graph, given different values for the conversion between two variables

SOME can able to draw and use a conversion graph to make conversions indirectly between variables

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Keywords :

Pounds, Euro, Dollar, Yen, Franc

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Mental Maths

Complete the number sentence below.

250g =	kg	390cm =	m	2.6l =	ml
0.46kg =	g	5.6m =	cm	350ml =	l
1240g =	kg	980cm =	m	0.8l =	ml

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Answers

250g = 0.25kg

0.46kg = 460g

1240g = 1.24kg

390cm = 3.9m

5.6m = 560cm

980cm = 9.8m

2.6l = 2600ml

350ml = 0.35l

0.8l = 800ml

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Key concepts - Flags and Currencies

LO: To interpret a conversion graph.

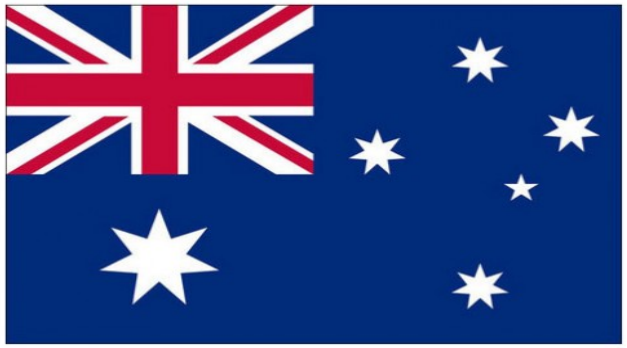
Name the country of each flag and name the currency used in that country.

1) Britain
British Pound

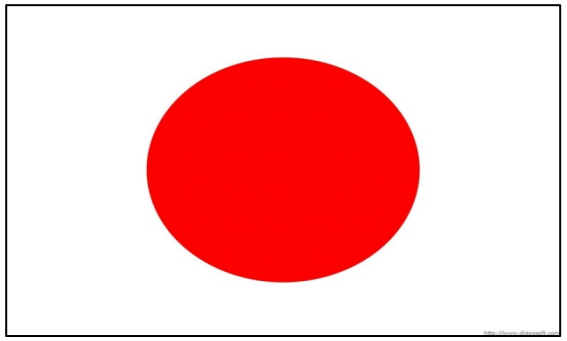
2) Spain
Euro

3) USA
U.S. Dollar

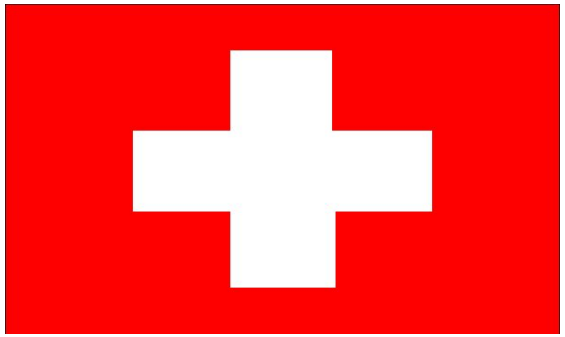
4) Australia
Australian Dollar



5) Japan
Yen



6) Switzerland
Swiss Franc



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What is an exchange rate?

ABC	COUNTRY	CURRENCY	WE SELL	WE BUY
A-B	Australia	Dollar	1.4036	1.7463
C	China	Yuan	9.214	12.096
D-F	East Carib.	Dollar	3.7042	5.1517
G-I	Hungary	Forint	272.78	360.87
J-L	Japan	Yen	116.40	144.64
M	Maldives	Rufiyaa	23.148	29.100
N-P	New Zealand	Dollar	1.7257	2.2066
Q-S	Russia	Rouble	39.625	52.636
T	Thailand	Baht	43.128	55.130
U-Z	USA	Dollar	1.4783	1.8350

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Pounds to Euro

Current exchange rate

£1 = € 1.29

£2 = € ?

£5 = € ?

£ ? = € 12.90

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Pounds to Euro

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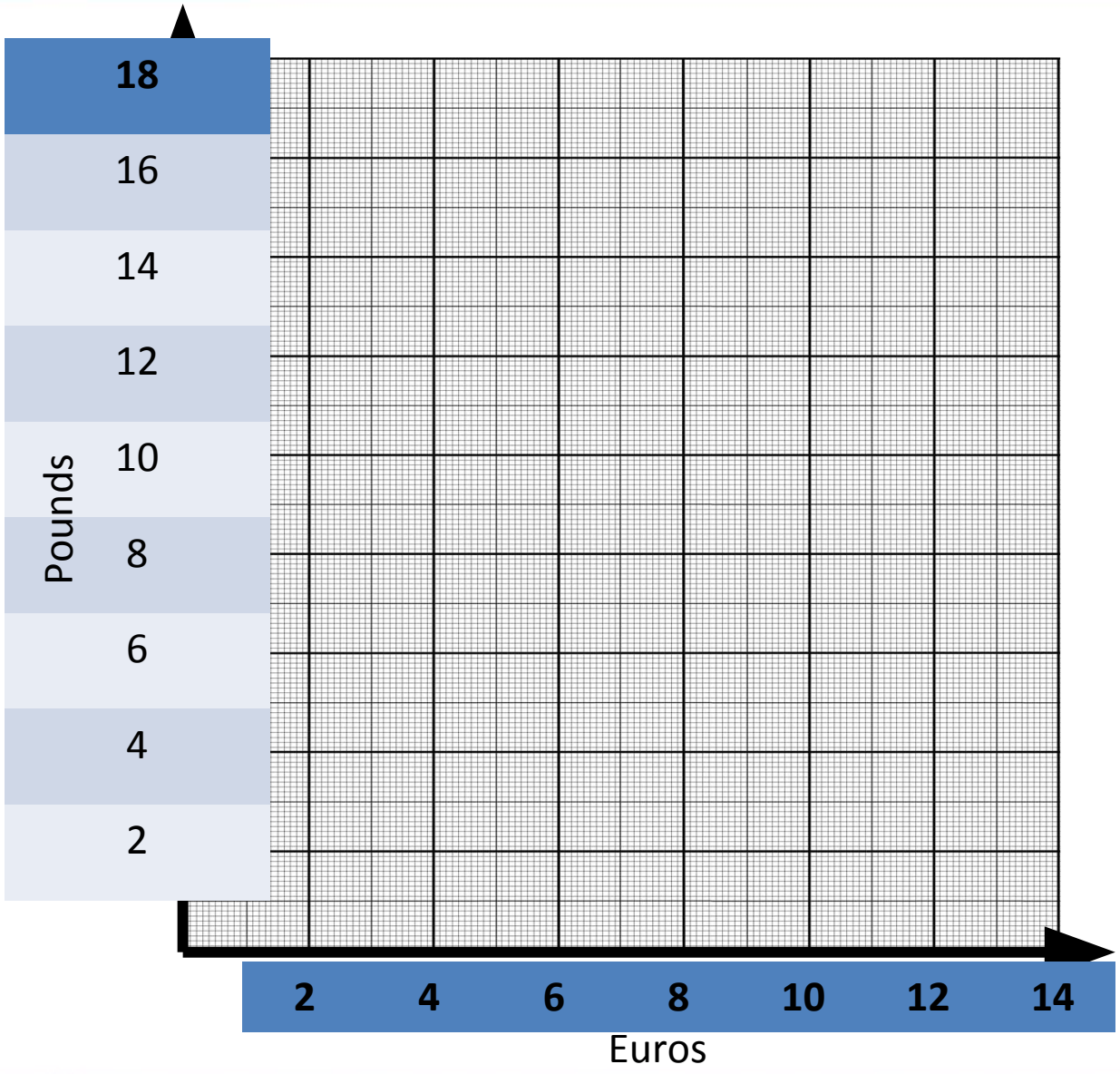
Current exchange rate

£1 = € 1.29 ✖

£2 = € 2.58 ✖

£5 = € 6.45 ✖

£ 10 = € 12.90 ✖



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My Turn

LO: To interpret a conversion graph.

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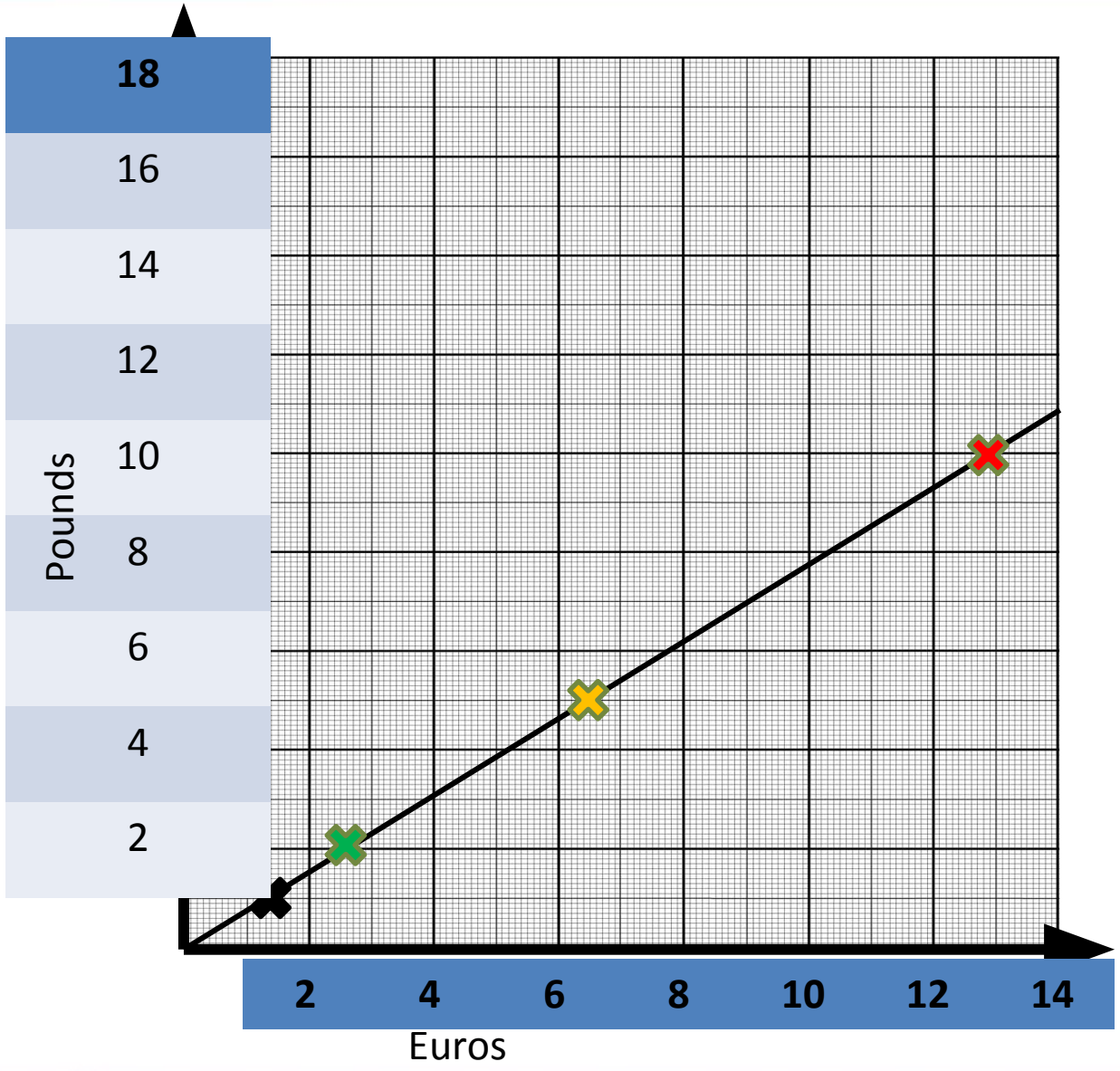

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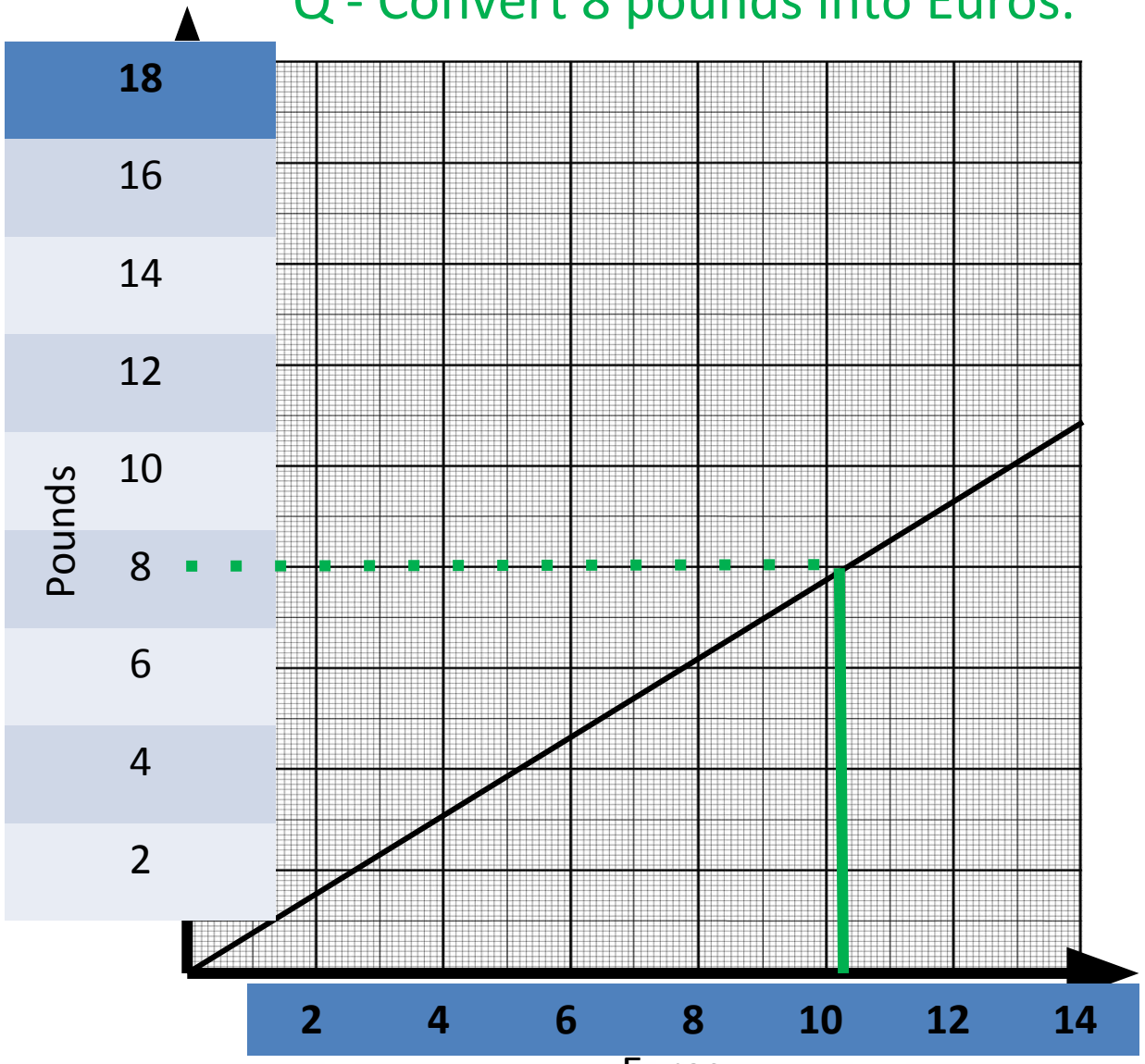
Q - Convert 8 pounds into Euros.



Your Turn – Pounds to Euro

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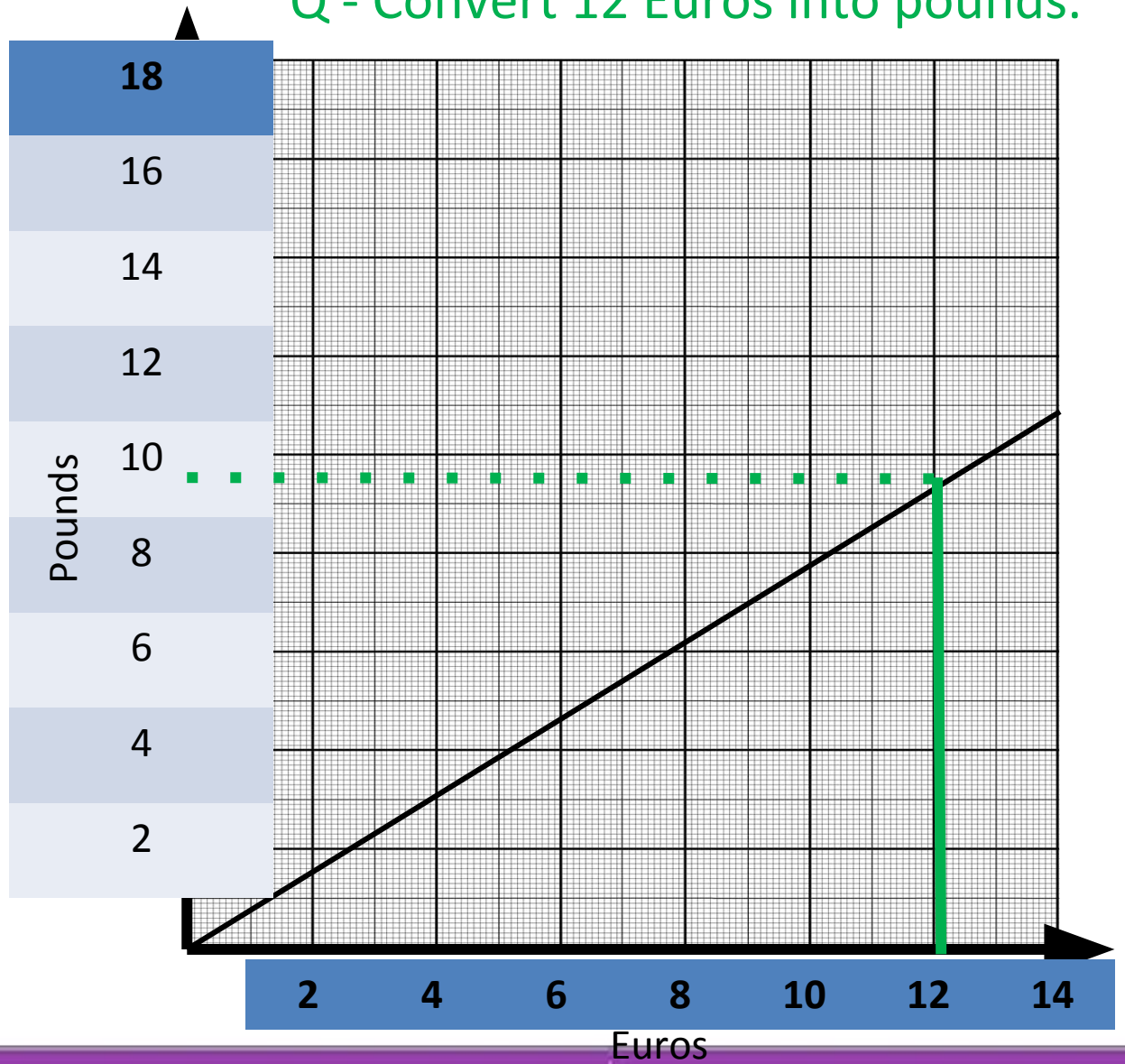
Q - Convert 12 Euros into pounds.



02:00

Mini – Plenary – Pounds to Euro

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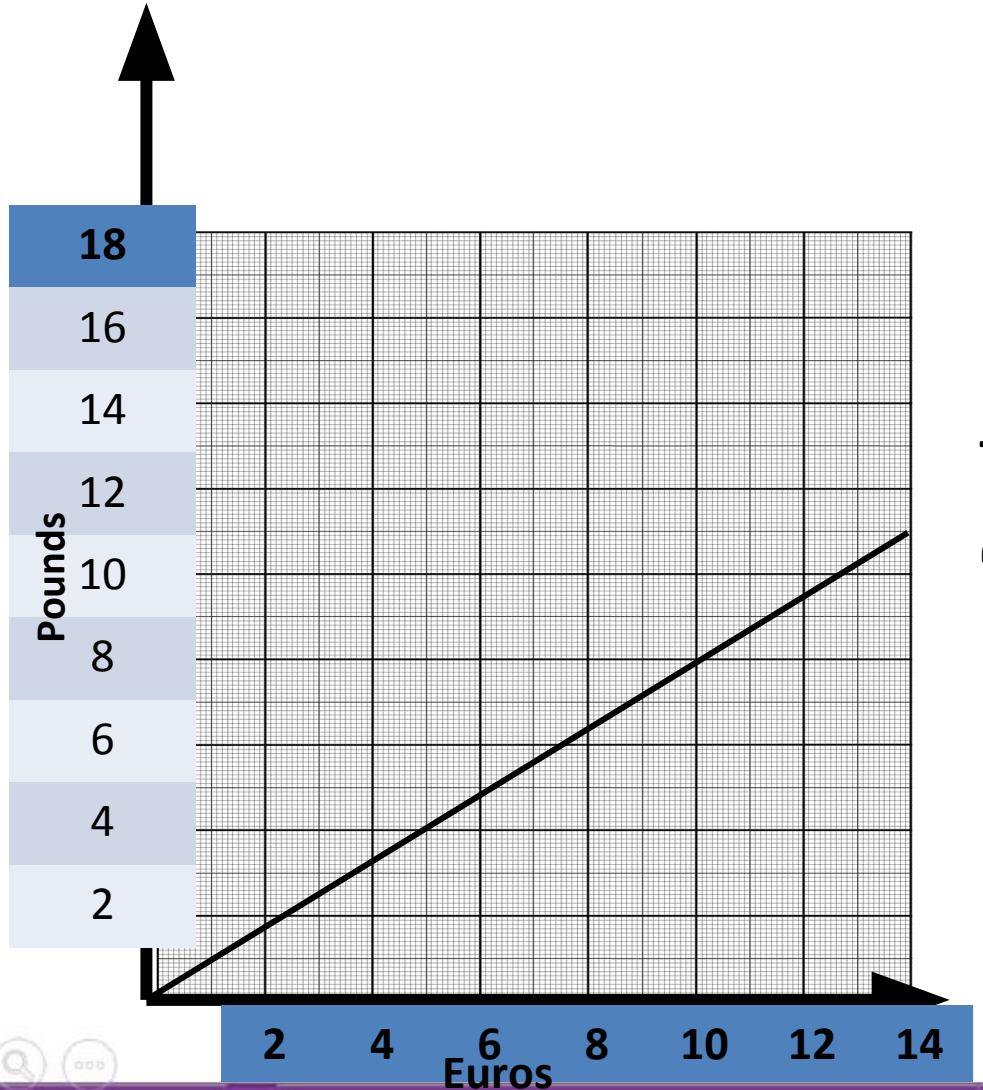
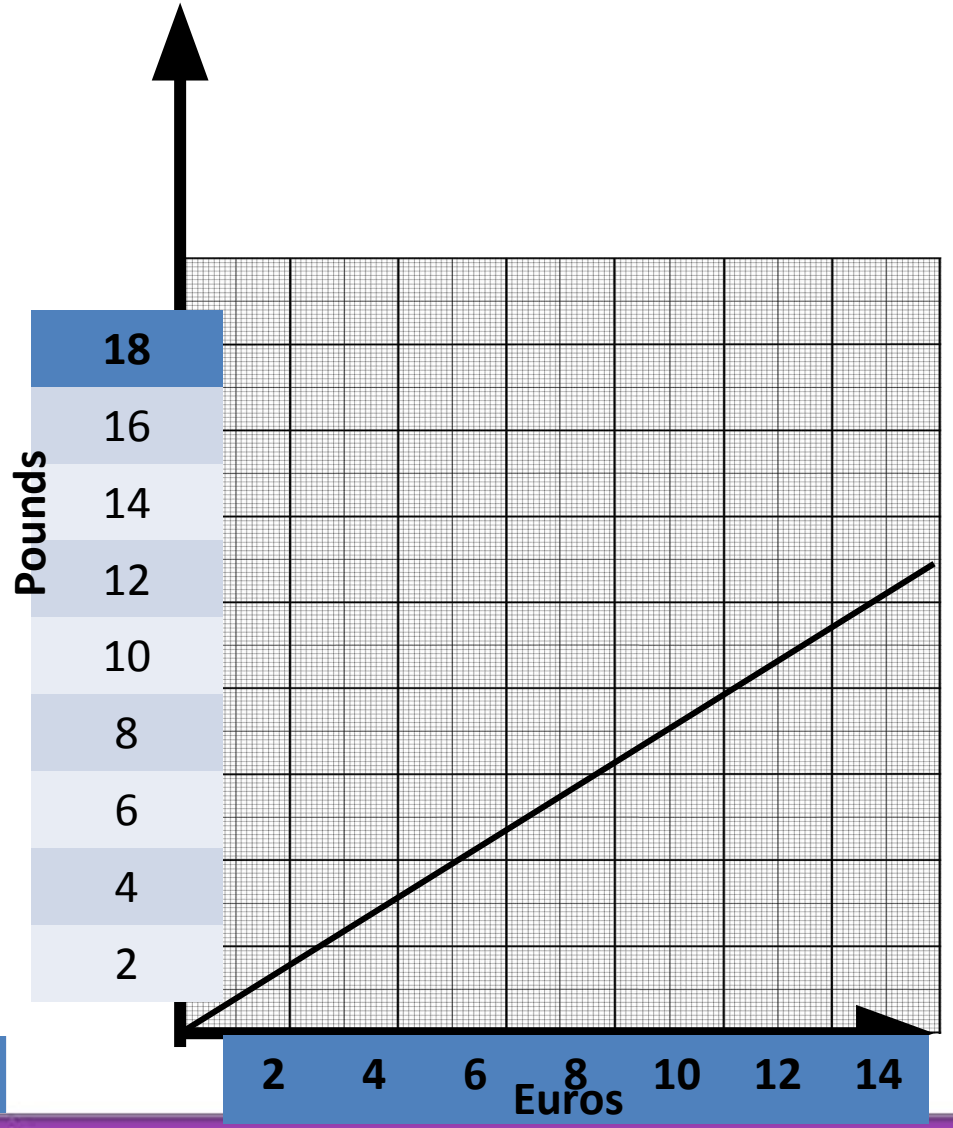
Core task – 1
-Pounds to Euro

LO: To interpret a conversion graph.

Q1 - Convert 5 pounds into Euros.



Q - Convert 800 pounds into Euros.



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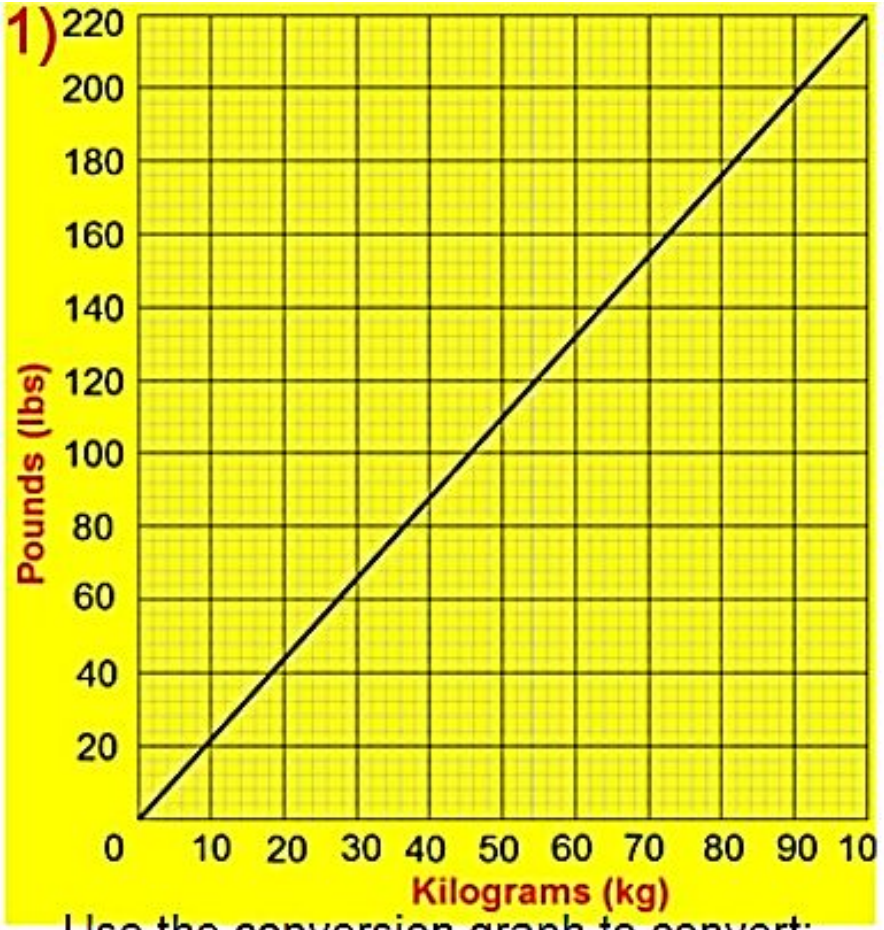
Core Task - 2

LO: To interpret a conversion graph.

1)

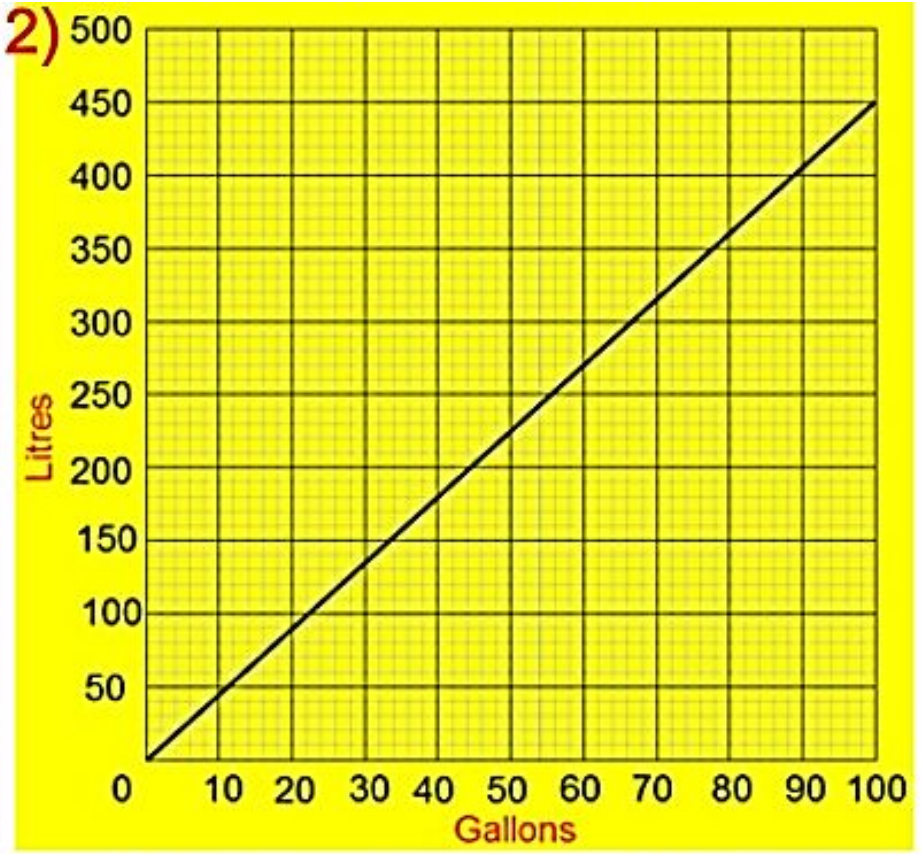


Use the conversion graph to convert:

(a) 70 kg to pounds

(b) 120 pounds to kg

2)



Use the conversion graph to convert:

(a) 30 gallons to litres

(b) 400 litres to gallons

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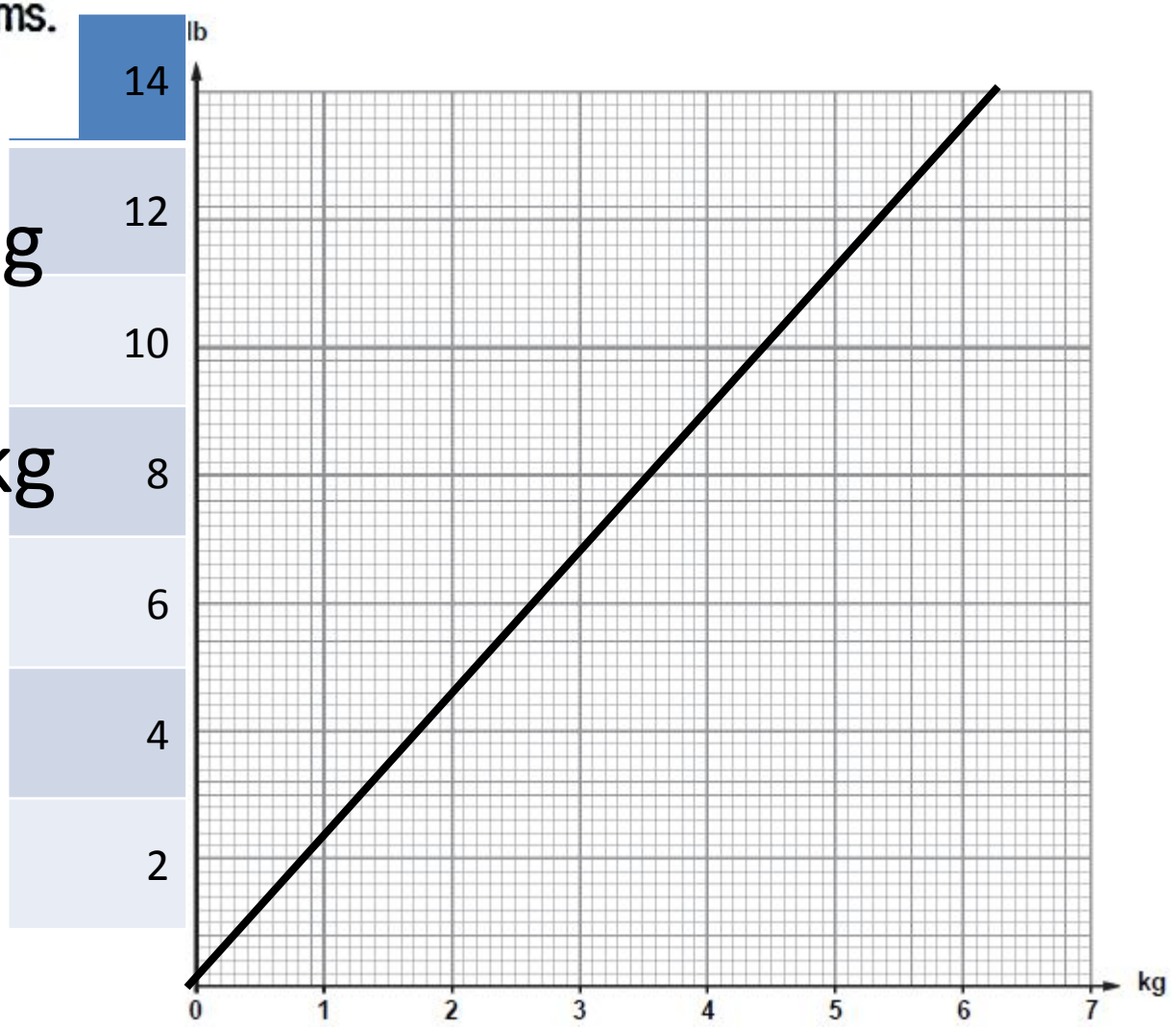
CHALLENGE

LO: To interpret a conversion graph.

A person weighs 10 stone. (1 stone = 14 lbs)
Use your graph to estimate the weight of this person in kilograms.
Remember to show the method you have used.

1 stone = 6.3kg

10 stone = 63kg



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Plenary- Fist to Five

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