

# **Procedural Revision**

## **1a**

Year 9

# Q1 Number Facts

Work out the:

Reciprocal of  $\frac{2}{3}$

## **Q2 Number Facts**

Work out:

$$13.8 \times 0.2$$

## Q3 Number Facts

Work out:

$$? + 37 = 1002$$

## Q4 Number Facts

Work out:

$$10^5 \times 10^2$$

## Q5 Number Facts

Complete this table:

Number	Standard Form
40000	$4 \times 10^4$
	$3.9 \times 10^6$

# Q6 Fractions, Decimals, Percentages & Ratio

Work out:

$$\underline{\quad\quad} \% \text{ of } 800\text{g} = 200\text{g}$$

## Q7 Fractions, Decimals, Percentages & Ratio

Write  $<$ ,  $>$  or  $=$  in the middle box

20%		0.02
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## Q8 Fractions, Decimals, Percentages & Ratio

Write  $\frac{30}{7}$  as a mixed number

## **Q9 Fractions, Decimals, Percentages & Ratio**

David invests £250 in an account.

After a year the amount has decreased by 3% .

How much money is in the account now?

## **Q10 Fractions, Decimals, Percentages & Ratio**

10 cakes require 200g of flour.

How much flour is needed for 25 cakes?

# Q11 Mental & Written Methods

Work out:

$$629 - 32.5$$

## Q12 Estimate & Check

Work out:

$$11.07 \div 0.9$$

## Q13 Mental & Written Methods

Work out:

$$28 - (5 \times 3) + 2$$

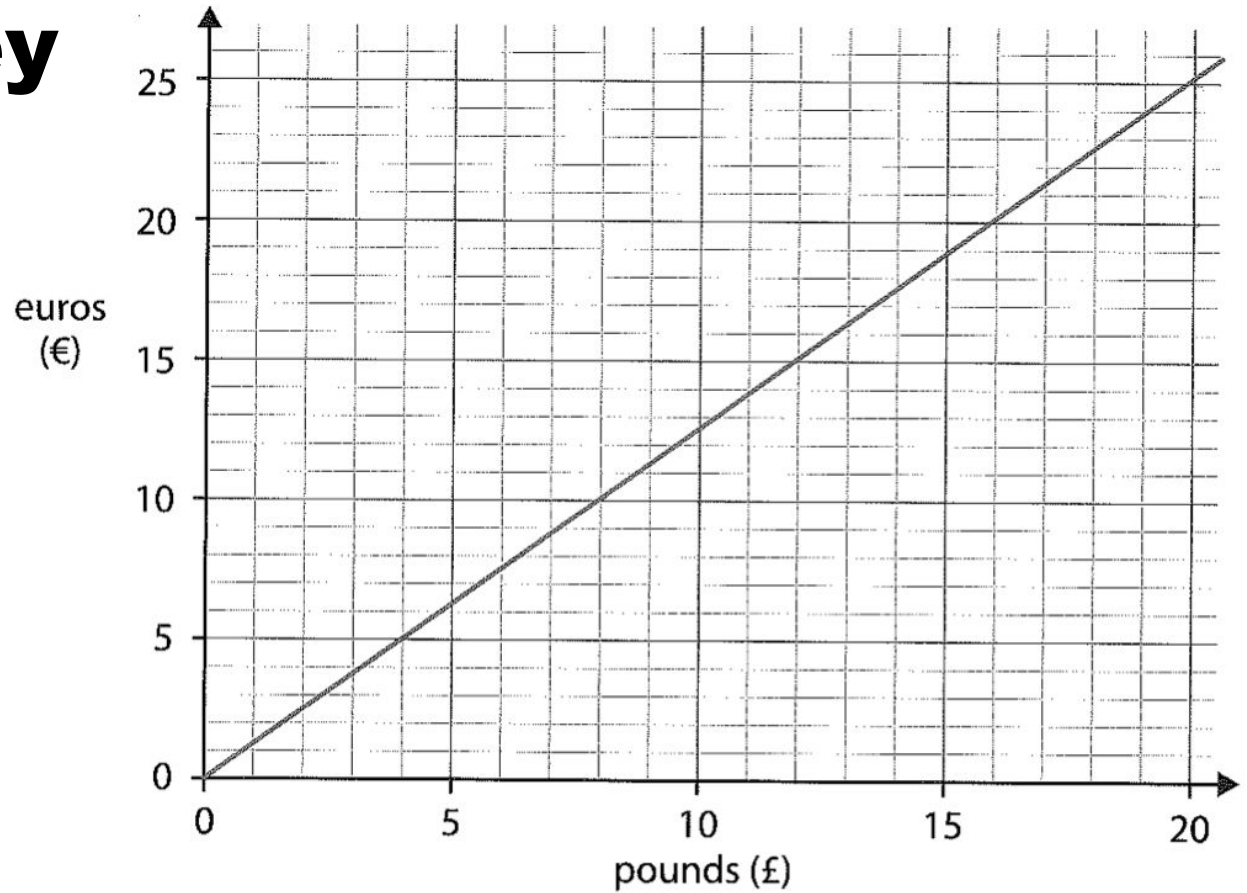
## Q14 Estimate & Check

Estimate the total cost

£42.19    £29.79    £56.45    £72.99

# Q15 Money

Exchange rate graph for pounds (£) and euros (€)

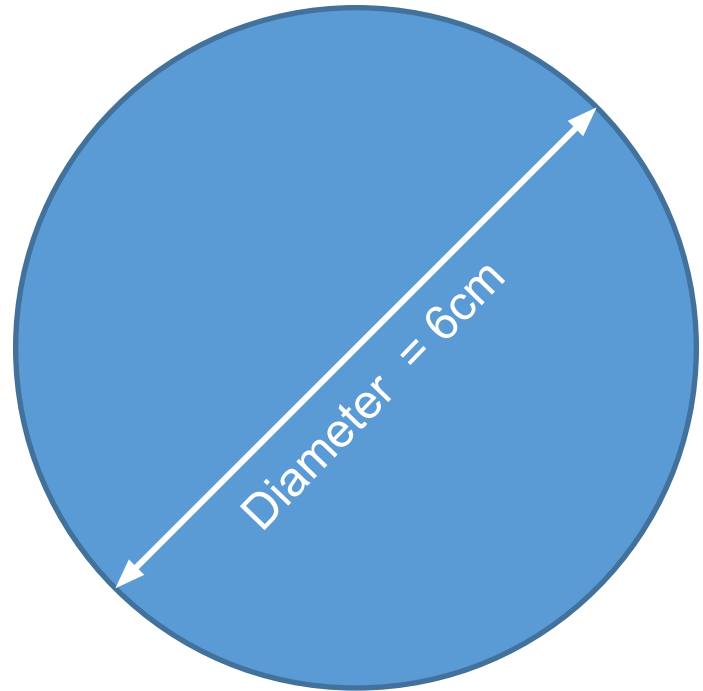


$$\text{£}15 = \text{€} \underline{\hspace{2cm}}$$

## Q16 Length, Weight & Capacity

- Find the **circumference**

Use  $\pi = 3.14$



## **Q17 Length, Weight & Capacity**

250 grams of tomatoes cost £1.48

How much will 2kg cost?

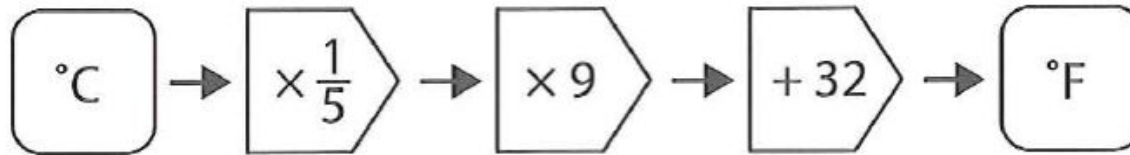
## **Q18 Length, Weight & Capacity**

An aeroplane travels 2725 miles in 5 hours.

What is its average speed?

# Q19 Temperature

Formula to change temperature in °C to °F



Convert:  
25°C to °F

## Q20 Area & Volume

- Find the **area** of this circle.

Use  $\pi = 3.14$

