

Procedural Revision

2a

Year 8

Q1 Number Facts

Work out:

$$7^3$$

Q2 Number Facts

Work out:

$$25 \times 0.1$$

Q3 Number Facts

Work out:

$$2000 - ? = 1452$$

Q4 Fractions, Decimals & Percentages

Mr Evans buys a vintage car for £5000.

It increases in value by 15%

What is it's new value?

Q5 Fractions, Decimals & Percentages

Find:

$$0.5 \times 16 =$$

Q6 Fractions, Decimals & Percentages

Work out:

$$\begin{array}{r} \underline{3} \\ 4 \end{array} - \begin{array}{r} \underline{1} \\ 6 \end{array}$$

Q7 Ratio & Proportion

Joe and Gwen share £700 in the ratio 3:4.

How much each do they get?

Q8 Mental & Written Methods

Work out :

$$47.3 + 89$$

Q9 Mental & Written Methods

Work out:

$$21 + (9 - 3) \div 2$$

Q10 Mental & Written Methods

Work out:

$$432 \div 18$$

Q11 Estimate & Check

Estimate the total cost

£3.98 £8.09 £19.57 £1.89

Q12 Money

Mr Jones invests £650 at 2% p.a. for 3 years.

What is the simple interest earned?

Q13 Length, Weight, Capacity

Carrots cost 12p per 250g

Find the cost of 2kg

Q14 Length, Weight, Capacity

$$4 \frac{1}{2} \text{ km} = \underline{\hspace{2cm}} \text{ cm}$$

Q15 Length, Weight, Capacity

Paul travels 25miles. How many kilometres has he travelled?

Q16 Time

John ran a race in 10.3 seconds. Next time he was $\frac{4}{10}$ of a second quicker. How long did he take?

Q17 Time

Town		Times		
Aberystwyth	Depart	0540	0707	0925
Cardiff	Arrive	1006	1145	1345

The timetable show the train times from Aberystwyth to Cardiff.

Ann wants to arrive before midday. Which train should she catch?

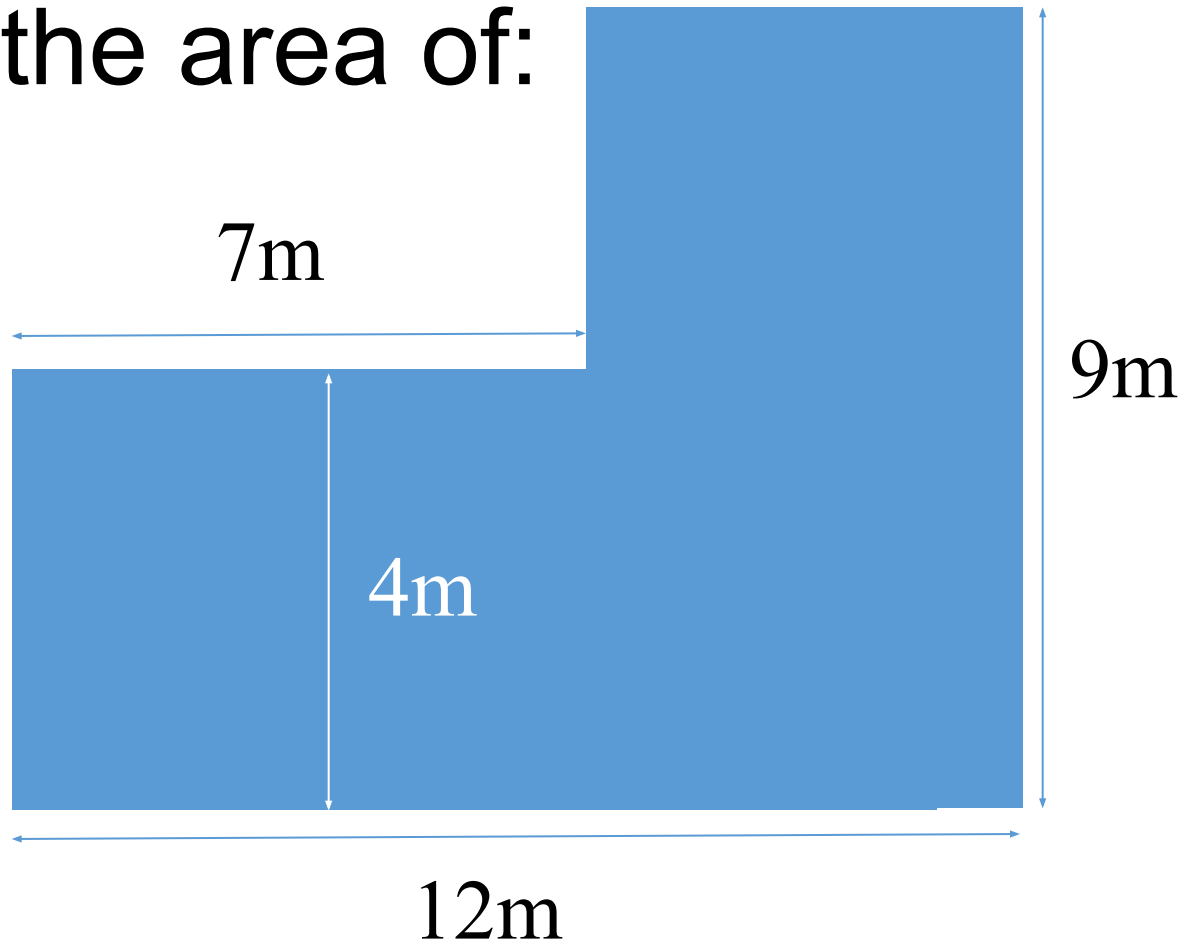
Q18 Angle & Position

What is the four figure grid reference for the buried treasure that is marked with an X?



Q19 Area & Volume

Find the area of:



Q20 Interpret Results

Estimate the mean number of books read.

Books read over holiday	Number of pupils
0-4	6
5-9	2
10-14	2