

Procedural Revision

1a

Year 7

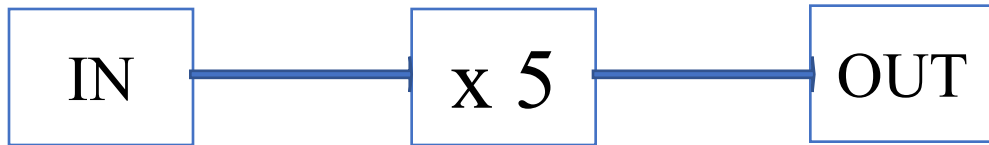
Q1 Number Facts

Work out:

The square of 5

Q2 Number Facts

Here is a number machine



- (a) 3 goes in. What comes out?
- (b) 50 comes out. What goes in?

Q3 Number Facts

Write in figures:

One hundred less than three thousand

Q4 Fractions, Decimals & Percentages

Find:

2% of 1700

Q6 Ratio & Proportion

30 children attend a swimming club.

The ratio of boys to girls is 2:1.

How many girls are there?

Q7 Mental & Written Methods

Work out:

$$3.76 + 2.8$$

Q8 Mental & Written Methods - BIDMAS

Work out:

$$9 + 5 - 4 \times 3$$

Q9 Mental & Written Methods

Work out :

(a) $224 \div 14$

(b) Write a number sentence to check your answer

$$\boxed{} \times \boxed{} = \boxed{}$$

Q10 Estimate & Check

Estimate the total amount

£1.98 £2.05 £7.48 £9.90 £4.53

Q11 Estimate & Check

$$1600 \div 20 = ?$$

Q12 Money

Packs of stickers

Buy for £1.50 a pack

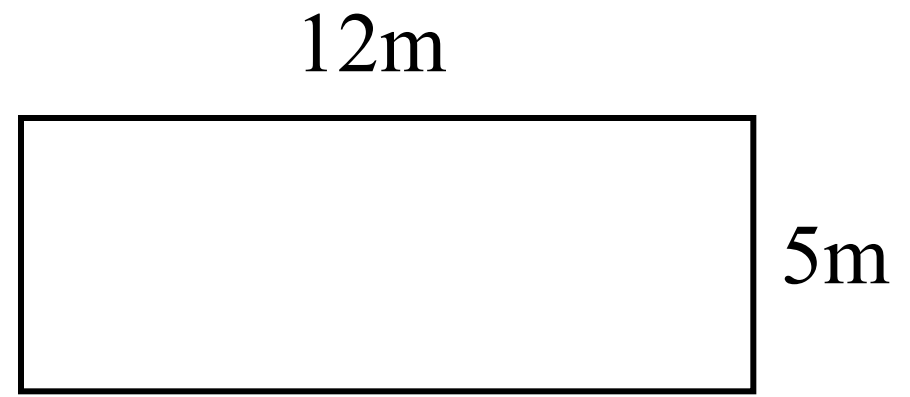
Sell for £2.25 a pack

Dafydd buys 5 packs and sells them all.

How much profit does he make?

Q13 Length, Weight, Capacity

Find the perimeter of:



Q14 Length, Weight, Capacity

Convert:

3 $\frac{1}{2}$ kilograms to grams

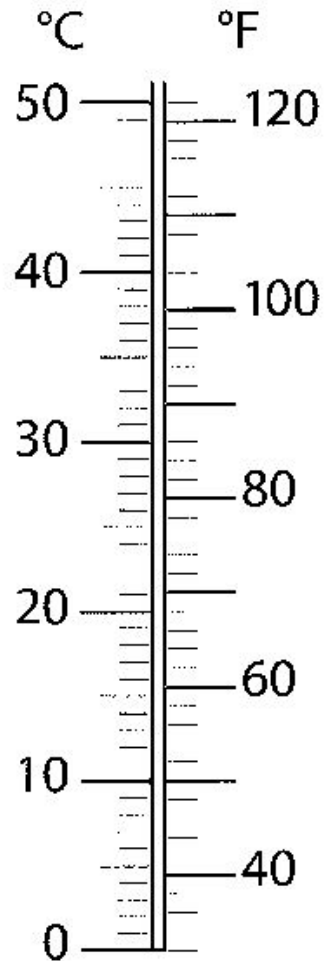
Q15 Time

9.485 seconds

Round this time to the nearest tenth of a second

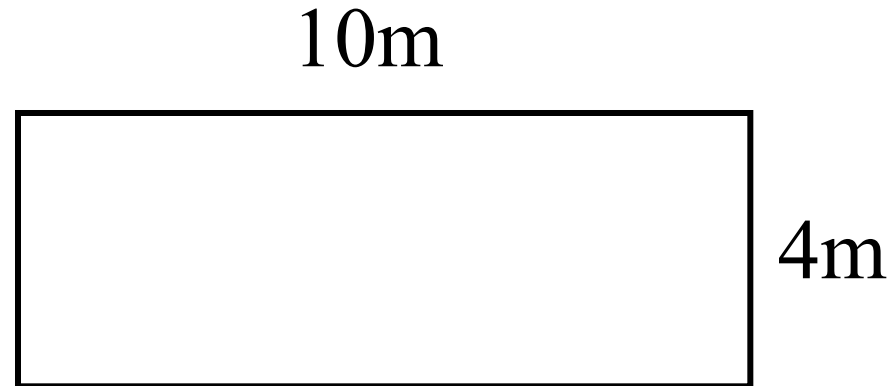
Q16 Temperature

$20^{\circ}\text{C} = ?^{\circ}\text{F}$



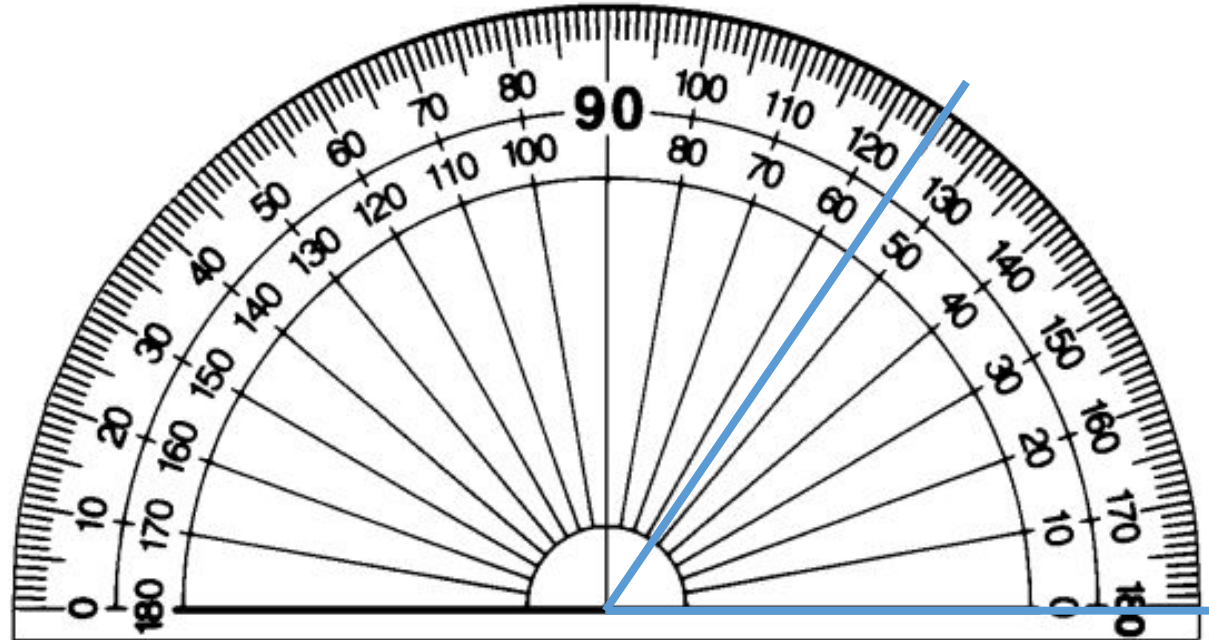
Q17 Area & Volume

Find the area of:



Q18 Angle & Position

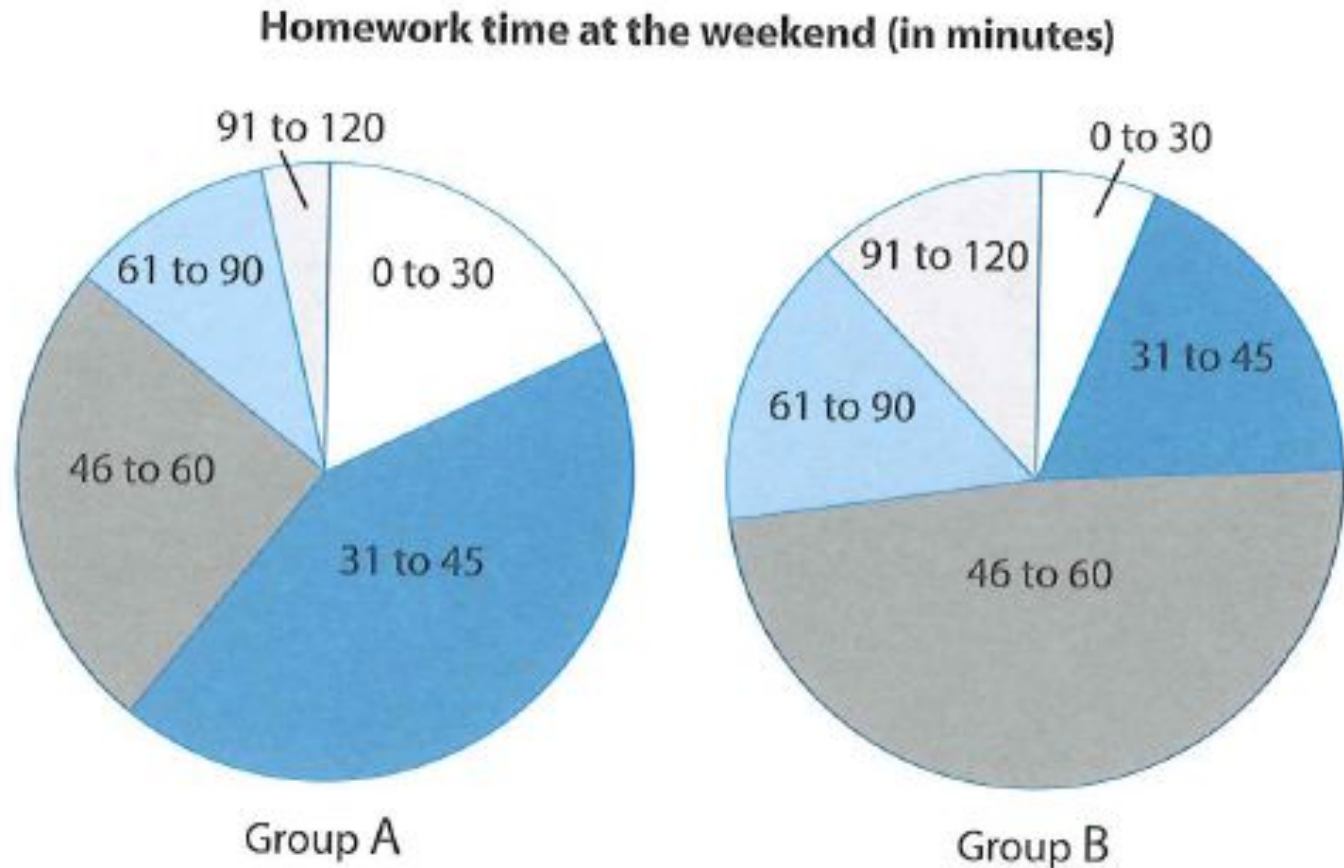
(a) What size is this angle?



(b) Draw an angle of 75°

Q19 Present & Analyse Data

Which group has the modal class of 31 to 45 minutes?



Q20 Interpret Results

Scores on a computer game

21 23 18 17 21

(a) What is the median score?

(b) What is the range?