

# Procedural Revision

## 2a

Year 7

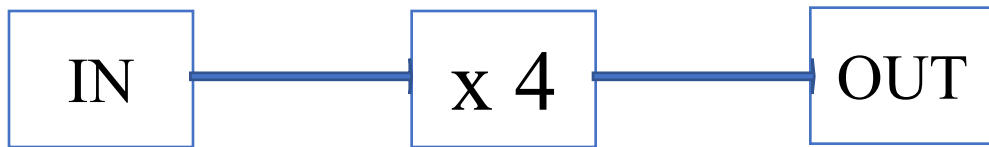
# Q1 Number Facts

Work out:

$$\sqrt{16}$$

## Q2 Number Facts

Here is a number machine



(a) 8 goes in. What comes out?

(b) 28 comes out. What goes in?

# Q3 Number Facts

Write in figures:

Three times one million

# Q4 Fractions, Decimals & Percentages

Find 5% of 3800

# Q5 Fractions, Decimals & Percentages

$$\boxed{\phantom{0.75}} = \boxed{0.75} = \boxed{\phantom{0.75}}\%$$

Fraction                  Decimal                  Percentage

## **Q6 Ratio & Proportion**

75 children attend a youth club.

The ratio of boys to girls is 2:1.

How many boys are there?

# Q7 Mental & Written Methods

Work out:

$$0.15 + ? = 1$$

# Q8 Mental & Written Methods - BIDMAS

Work out:

$$4 \times 3 + 7 \times 3$$

# Q9 Mental & Written Methods

Work out :

$$3 \div 0.2$$

# Q10 Estimate & Check

Round to 3 decimal places

13.7638

# Q11 Estimate & Check

(a)  $352 \div 16 = ?$

(b) Write a number sentence to check your answer

<input type="text"/>	X	<input type="text"/>	=	<input type="text"/>
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## Q12 Money

Packs of stickers

Buy for £1.60 a pack

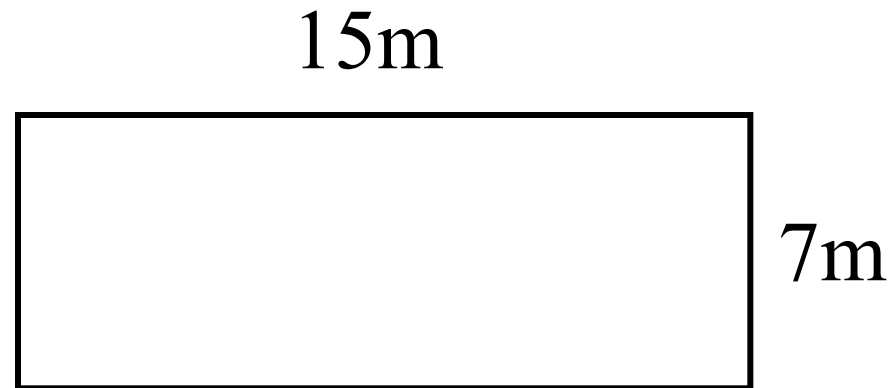
Sell for £2.25 a pack

Jane buys 9 packs and sells them all.

How much profit does she make?

# Q13 Length, Weight, Capacity

Find the perimeter of:



# Q14 Length, Weight, Capacity

Convert:

190 centimetres to metres

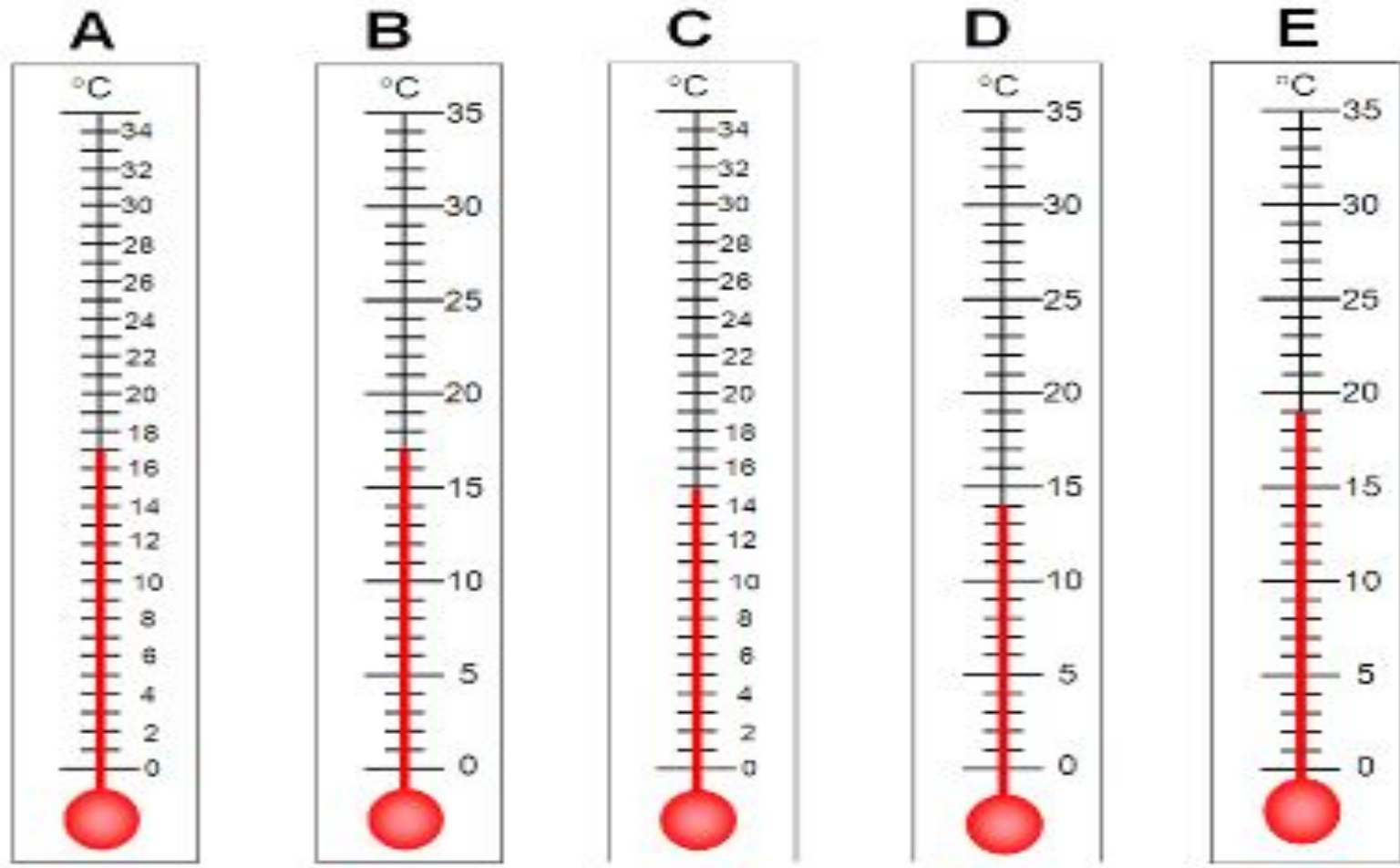
# Q15 Time

11.248 seconds

Round this time to the nearest tenth of a second

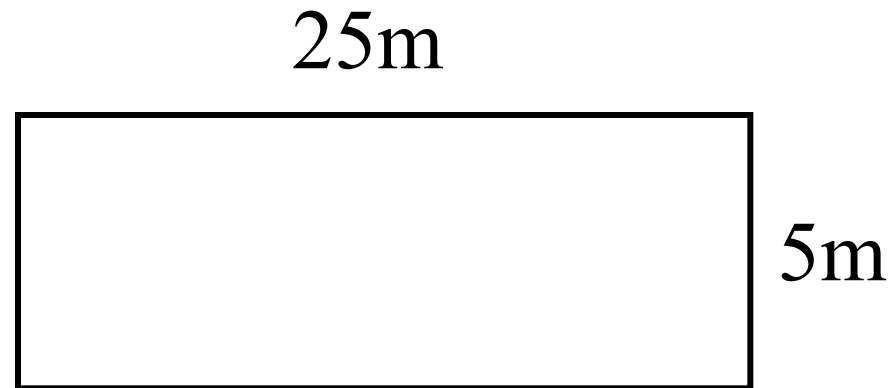
# Q16 Temperature

What temperature does thermometer A show?



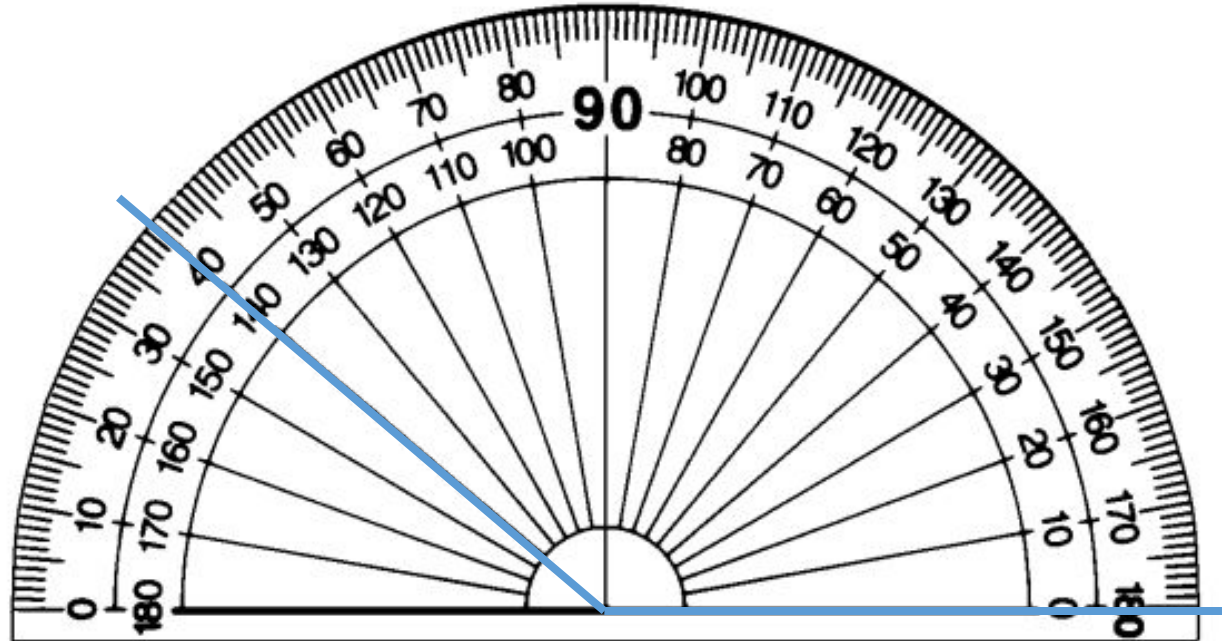
# Q17 Area & Volume

Find the area of:



# Q18 Angle & Position

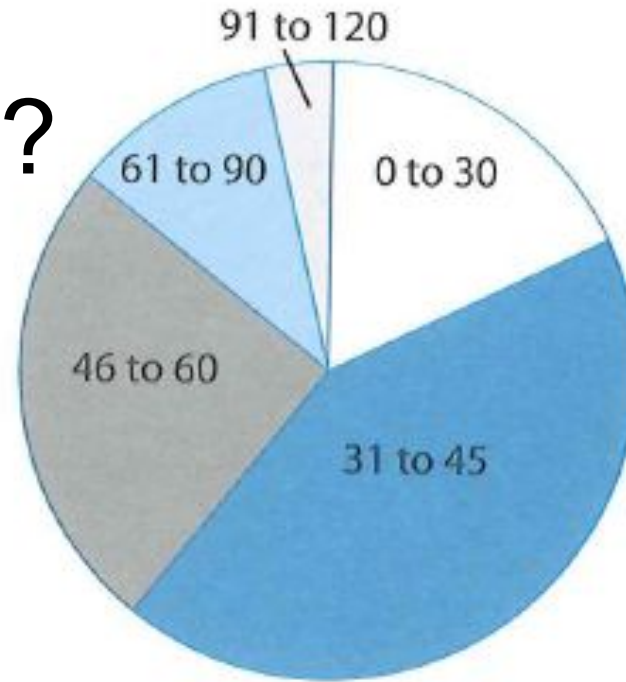
- (a) What size is this angle?
- (b) What type of angle is this?



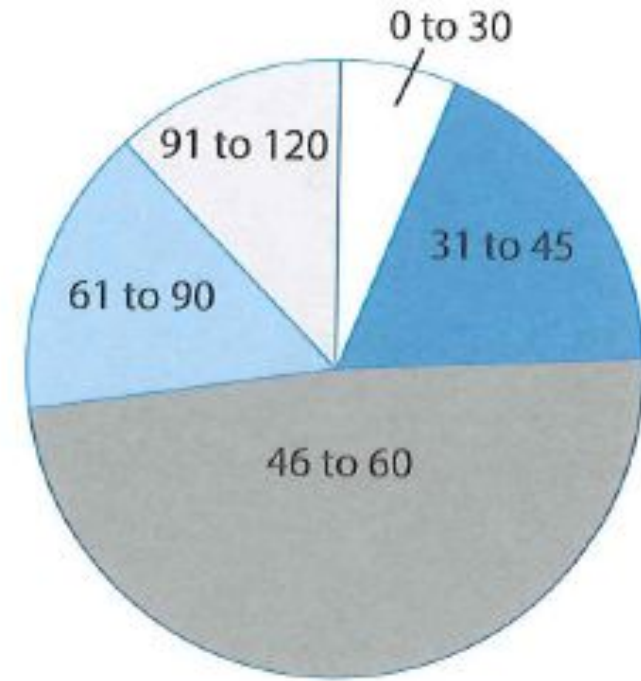
# Q19 Present & Analyse Data

Which group spends more time on homework in general?

Homework time at the weekend (in minutes)



Group A



Group B

# Q20 Interpret Results

Scores on a computer game

8 10 12 11 9

What is the range?