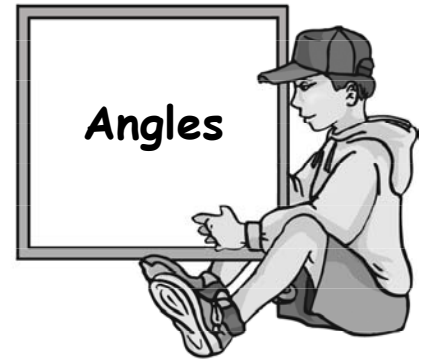
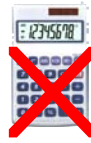


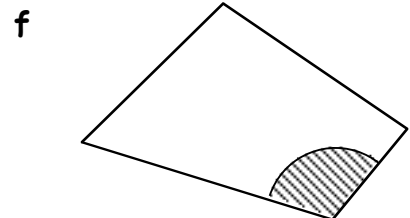
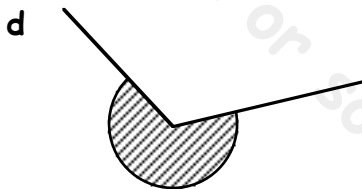
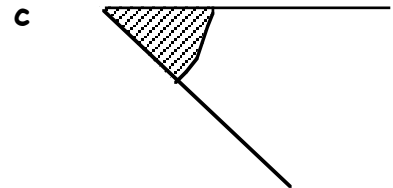
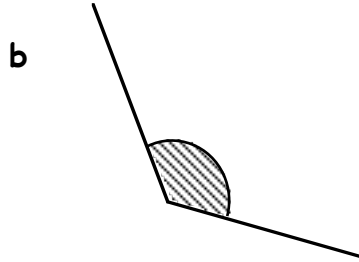
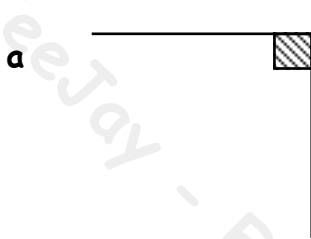
CHAPTER 5

Consolidation



1. Acute, Right, Obtuse, Straight or Reflex.

What kind of angles are these ?

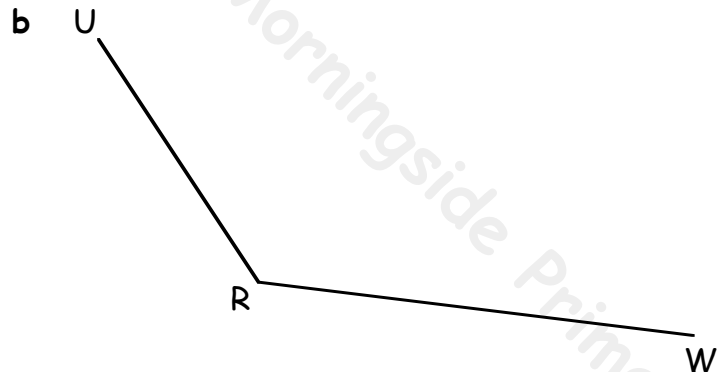
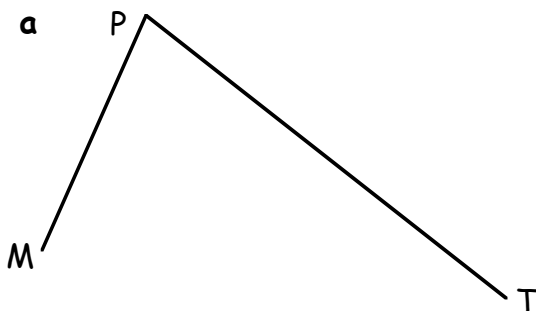


2. From the angles listed below, list which ones are :-

a acute b obtuse c right d straight e reflex.

56°, 129°, 90°, 186°, 4°, 299°, 94°, 172°, 180°, 79°, 166°, 61°.

3. Use 3 letters to name each angle and use a protractor to measure its size.



4. Draw each of the following angles and label them with their letters :-

a $\angle DEF = 40^\circ$

b $\angle KLM = 75^\circ$

c $\angle PQR = 130^\circ$

5. How many degrees are there from :-

a South to West (clockwise)

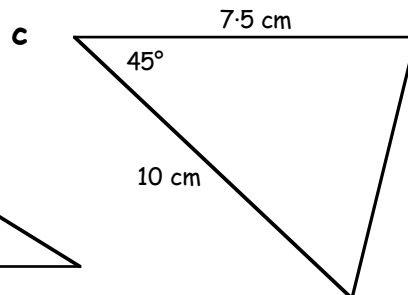
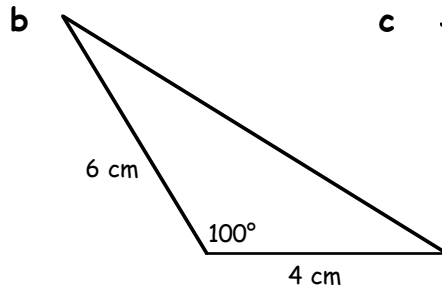
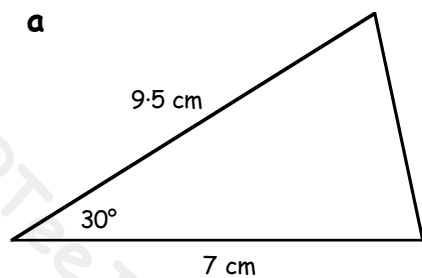
b West to South East (clockwise)

c South East to North (anti-clockwise)

d North East to North (clockwise) ?

Exercise 1

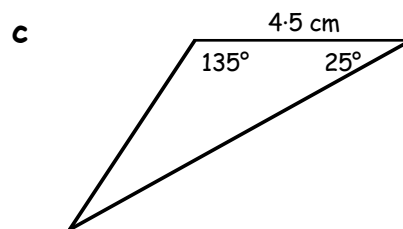
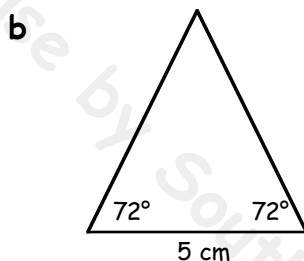
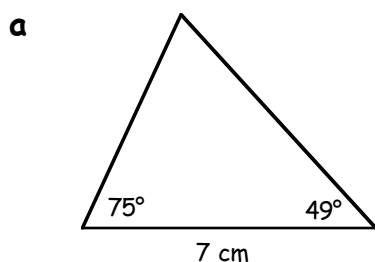
1. Make accurate drawings of these triangles :-



2. Draw $\triangle PQR$ where $QR = 9$ cm, $QP = 7$ cm and $\angle PQR = 35^\circ$.

Exercise 2

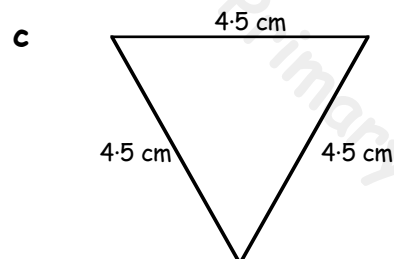
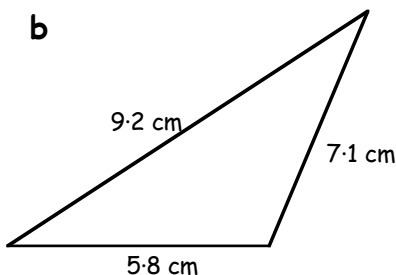
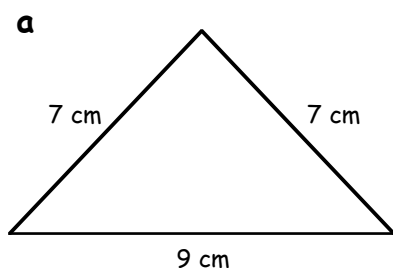
1. Make accurate drawings of these triangles :-



2. Draw $\triangle ABC$ where $AB = 9$ cm, $\angle CAB = 50^\circ$ and $\angle ABC = 45^\circ$.

Exercise 3

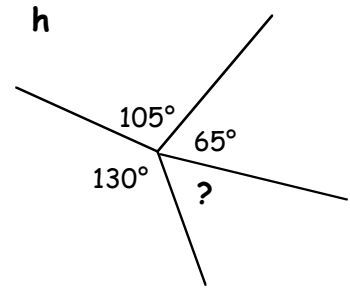
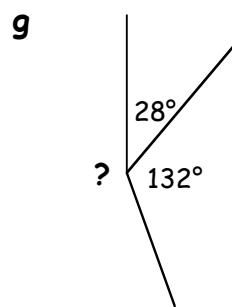
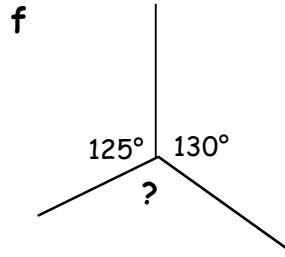
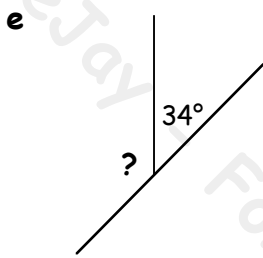
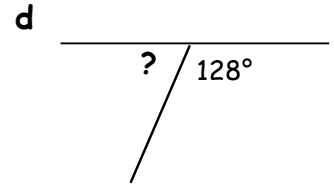
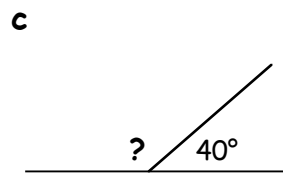
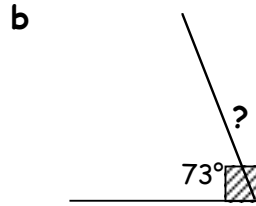
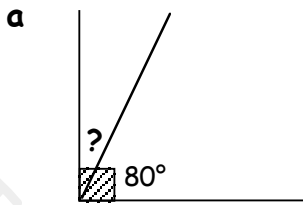
1. Make accurate drawings of these triangles :-



2. Draw $\triangle LMN$ where $LM = 8$ cm, $MN = 6$ cm and $LN = 4$ cm.

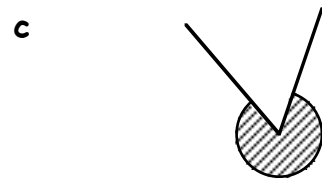
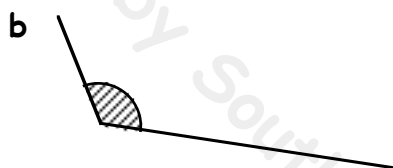
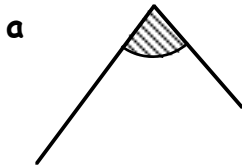
Exercise 4

1. Calculate the missing value in each of the following :-



Revision Exercise

1. What **type** of angles are shaded? **Acute, Obtuse, Right, Straight or Reflex?**



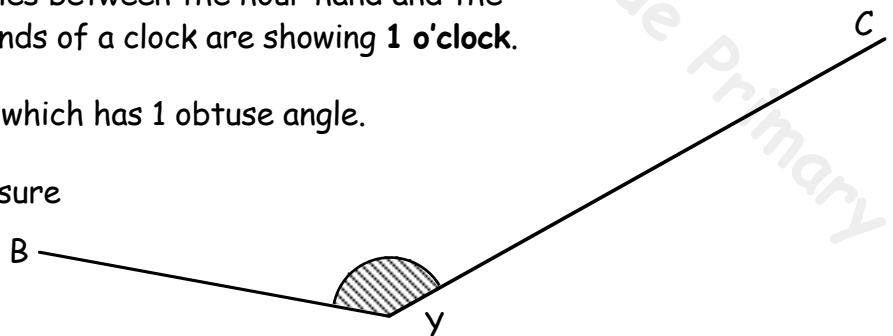
2. Draw a picture of what this pizza looks like after it has been given an **anti-clockwise quarter turn** around its centre.



3. Name the 2 **types** of angles between the hour hand and the minute hand when the hands of a clock are showing **1 o'clock**.

4. Draw a four sided shape which has 1 obtuse angle.

5. Name this angle and measure its size in degrees.



6. Draw a **right angled triangle** with two of its sides 3 cm and 4 cm.

7. Use a ruler and pair of compasses to draw an **equilateral triangle** with all three sides 8 centimetres long.