**TAURANGA GIRLS COLLEGE Name: \_\_\_\_\_\_\_\_\_\_\_\_\_**

**YEAR 9 HOMEWORK SHEET Tutor Class: ­­­­­**

**Series A Sheet 4**

*TGC Values: Respect, Participation, Pride* Due Date: \_\_\_\_\_\_\_\_\_\_\_\_

**KEY SKILLS:**

1. In the number 43,562 what digit is in the *thousands* column? \_\_\_\_\_\_
2. Write 40,000 in words

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. Round 5794 to the nearest *thousand*

­\_\_\_\_\_­­­­­­\_\_\_\_\_\_\_\_\_\_

1. Insert < or > to make it a true statement:

5672 ­­­\_\_\_\_ 5341

1. Calculate 112 = \_\_\_\_\_\_
2. List the factors of 12

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

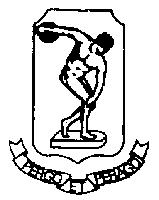
1. Calculate (2 + 3) x 5

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. Write 0.1 as a fraction = \_\_\_\_\_
2. What fraction is shaded?

\_\_\_\_\_\_\_\_\_\_\_

1.  of 27 = ­­­­\_\_\_\_\_\_
2. 



1. Write the next two numbers:

17, 12, 7, \_\_\_\_, \_\_\_\_

1. 1 centimetre = \_\_\_\_\_\_\_ mm
2. What is the *perimeter* of this rectangle?

\_\_\_\_\_\_cm



1. What is the *area* of the rectangle shown above?

\_\_\_\_\_\_cm2

1. Name this shape:

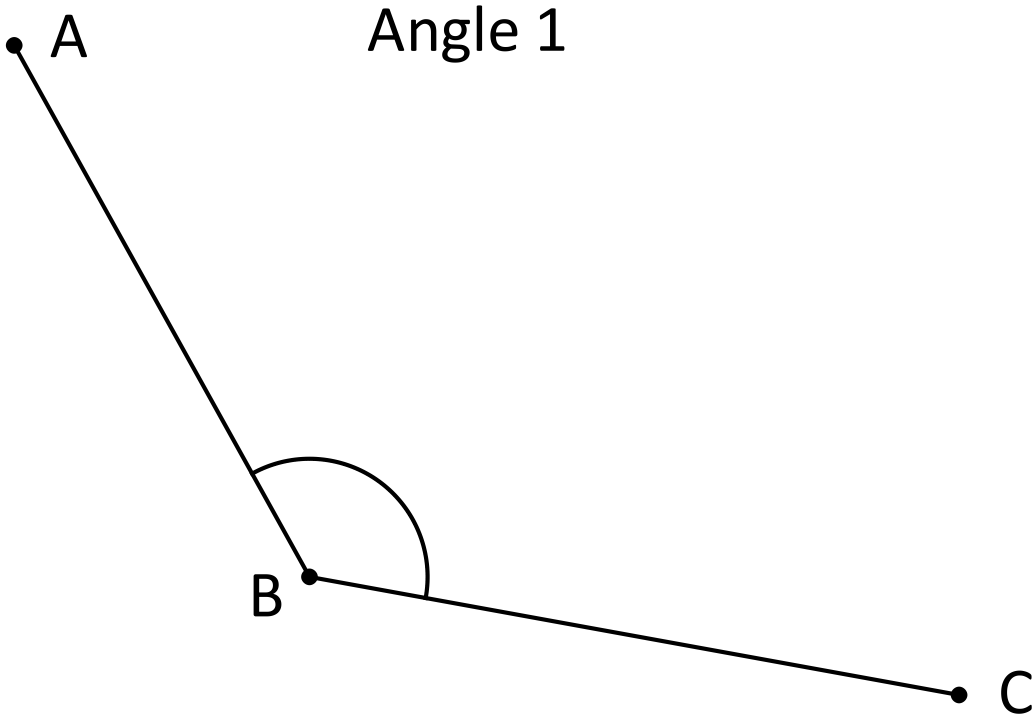
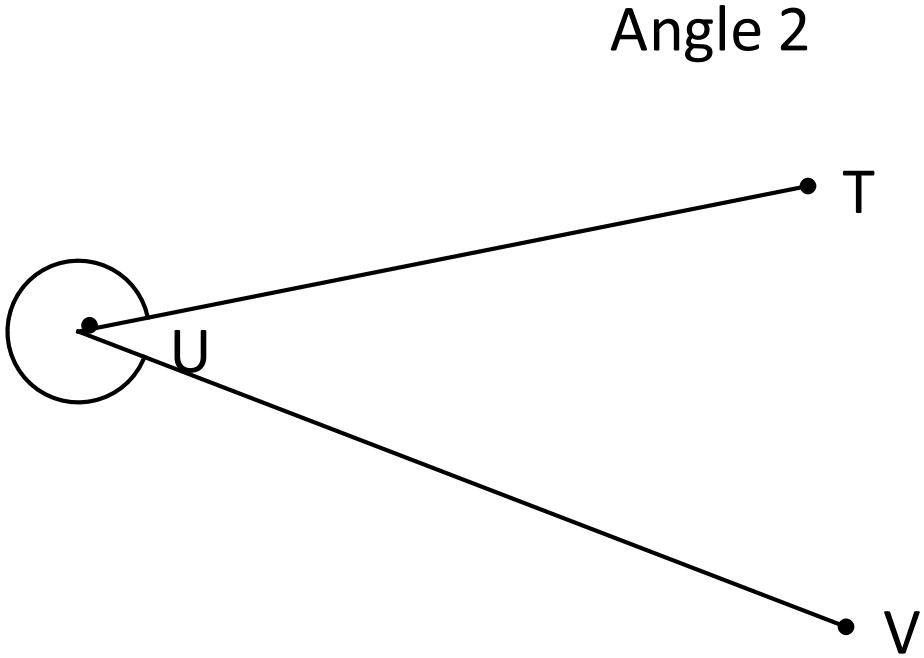
(all sides are equal length)

\_\_\_\_\_\_\_\_\_\_

*Key Skills Total: \_\_\_\_\_ /* ***16***

**CURRENT WORK:**

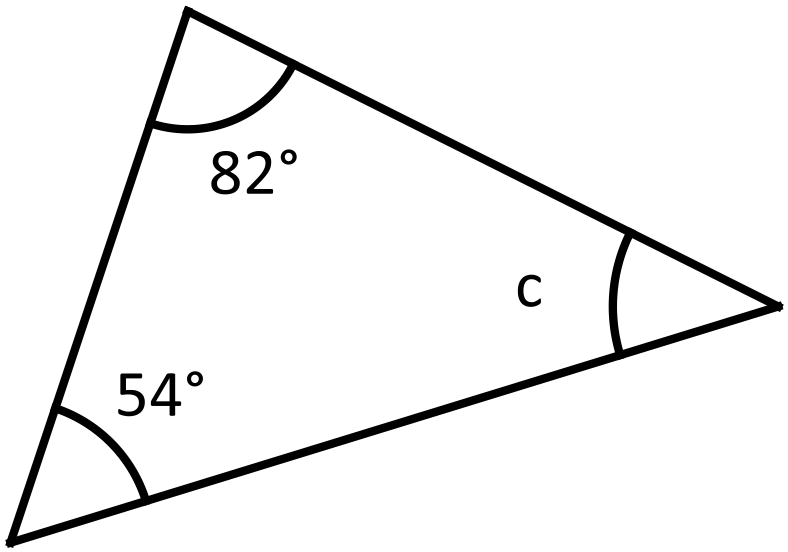
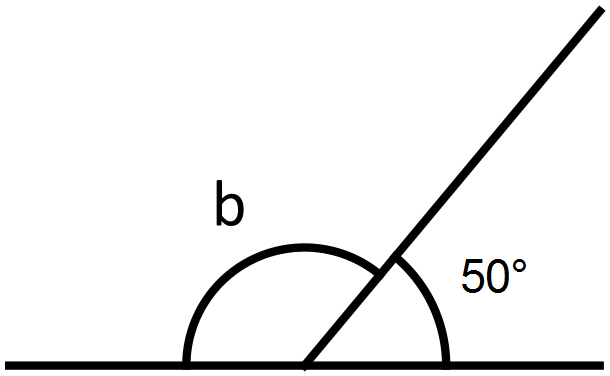
Answer questions 1 to 4 below using angles 1 to 2

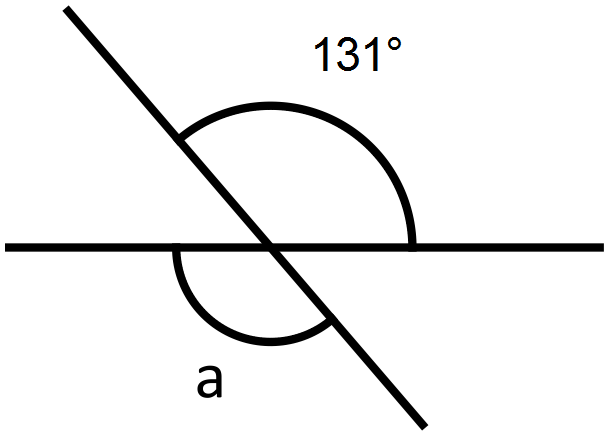
 

1. *Name* Angle 2 \_\_\_\_\_\_\_\_
2. What *type* of angle is Angle 1? \_\_\_\_\_\_\_\_
3. If a wheel turns through eight complete revolutions

how many right angles has it turned through? \_\_\_\_\_\_\_\_\_\_\_\_\_

1. Complete each of the following sentences:
   1. Vertically opposite angles are \_\_\_\_\_\_\_\_\_\_\_\_
   2. Angles on a straight line add to \_\_\_\_\_\_\_\_\_\_ degrees
   3. Angles at a point add to \_\_\_\_\_\_\_\_\_\_ degrees
   4. Angles in a triangle add to \_\_\_\_\_\_\_\_\_\_ degrees
2. Give the size of each angle below (do **not** use a protractor)





a = \_\_\_\_\_ b = \_\_\_\_\_ c = \_\_\_\_\_

*Current Work Total: \_\_\_\_\_\_ /* ***10***

**APPLICATIONS AND PROBLEM SOLVING**

(Show your working to show how you solved these questions. One mark for working, one mark for the correct answer)



1. There were 1356 students in a school and 818 of them caught the school bus. How many of the students in the school did not come to school by bus?

Working:

Answer: \_\_\_\_\_\_\_\_ students do not come to school by bus.

1. In a small school all Year 9 go to camp. To go to camp they take two buses, each taking 55 students; plus eight cars each taking 4 students; plus two minivans each taking 11 students. How many students went to camp?

Working:

Answer: \_\_\_\_\_\_\_\_ Year 9 students went to camp.

1. Shona is picking passion fruit and putting the pulp in 500g containers. If she gets 320g and 465g on the first two days of picking how much more pulp is needed to full *two* containers?

Working:

Answer: Shona needs \_\_\_\_\_\_ more grams of pulp.

1. Shona sells the passion fruit in 500g and 200g containers.

The 500g containers sell for $5 each and the 200g containers for $2 each.

Shona goes to the Tauranga Primary School Market day and sells twenty 500g containers and fifteen 200g containers.

How much money does she get in total from her sales?

Working:

Answer: Shona needs \_\_\_\_\_\_ more grams of pulp.

*Applications and problem solving Total: \_\_\_\_\_\_ /* ***8***

***Self Reflection:***

|  |  |  |
| --- | --- | --- |
|  |  | ***Comment (What do I need to understand?)*** |
| ***Key Skills*** | ***\_\_\_ / 16*** |  |
| ***Current work*** | ***\_\_\_ / 10*** |  |
| ***Applications*** | ***\_\_\_ / 8*** |  |
| ***Total*** | ***\_\_\_ /31*** |  |