

## Geometry Assignment Terms and Calculating Angles

Name: \_\_\_\_\_

Date: \_\_\_\_\_

For this assignment, students will be required to use the Homework Help website. On this website, students will be required to:

- Access the glossary of terms for definitions
- Review existing videos/tutorials
- Chat and interact with an online tutor for assistance on specific questions, using the virtual whiteboard

### Instructions

Step 1: Go to the website <http://homeworkhelp.ilc.org>



Step 2: Log in using your username and password.

If you do not remember your username and password, you will need to click on the link titled “Forgot your username or password?” – from this page you can do one of two things:

- a) Enter your email address that you provided when you registered on the website. The website will email you your username and password.
- b) If you did not provide an email address, you will need to re-register your account – the type of user you will select is “student”. To re-register, you will need to ask your teacher for your Ontario Education Number (OEN). Complete the re-registration by filling in the required fields.

Step 3: You are now ready to work on this assignment! Follow the instructions per each question. Please note that you are required to complete the questions on the following pages. All material must be completed for this assignment.

## PART A: Definitions and Key Words

From the menu bar on the left side, click on “Glossary” which is located under “Tools”.

This will now open a new window which is an online glossary (kind of like a dictionary) of common mathematical terms and definitions. We will use this online glossary to complete the list of terms below. Take some time to complete the definitions and also draw a diagram illustrating the angle or triangle.



List of Definitions	Definition	Diagram
1. Acute Angle		
2. Acute Triangle		
3. Right Angle		
4. Right Triangle		
5. Obtuse Angle		
6. Obtuse Triangle		

7. Straight Angle		
8. Reflex Angle		
9. Complementary Angle		
10. Supplementary Angle		
11. Transversal		
12. Scalene Triangle		
13. Isosceles Triangle		
14. Equilateral Triangle		

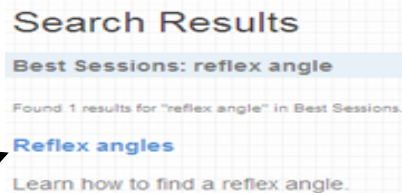
**PART B: Best Sessions**

For Part B of this assignment, we will be reviewing an existing tutorial session that has been pre-recorded.

From the menu bar on the left side, click on “Best Sessions” which is located under “Resources”.



This will open a new window with a search box. In that search box, type in the words “Reflex Angle”. This will result in a listing of Search Results. From the list of Search Results, click on the first one that is titled “Reflex Angles”.



Next, click on Play. Again, this will open a new window with a video player. Once this window opens, click on the “Play Button” to start the video. Watch the video and answer the questions in the space provided.

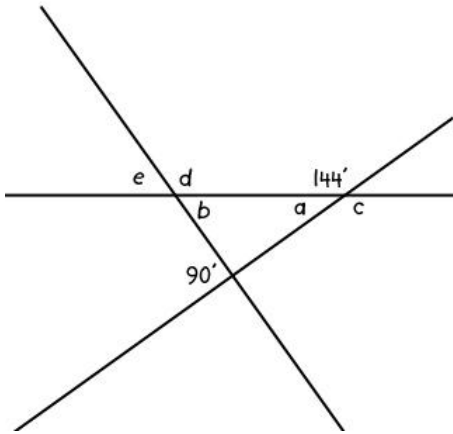
<p>What type of angle is the student having difficulty with? (1 Mark)</p>	
<p>Before helping the student with his/her specific question, the teacher asks the student a few questions.</p> <p>Use the teacher-student chat to answer the question on the right side. (2 Marks)</p>	<p>According to the teacher-student chat, the angle that is discussed must be:</p> <ul style="list-style-type: none"> <li>- Greater than _____ degrees, and</li> <li>- Less than _____ degrees</li> </ul>
<p>In the space provided on the right , draw a diagram of the type of angle that is discussed in the teacher-student chat. (2 Marks)</p>	

### Part C: Tutor Help – Calculating Angles

For Part C of this assignment, you will be required to chat with an online tutor from the Homework Help website. Please remember that online tutors are available Monday to Thursday, from 5:30pm to 9:30pm.

You are required to answer all four questions. For at least one of the four questions, you **must** chat with a tutor, to receive help in answering the question. Once you have completed the questions, complete the tutor information on the next page.

Determine the missing angles for each.



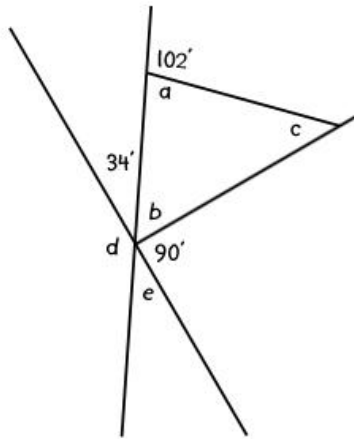
Angle **a** = \_\_\_\_\_

Angle **b** = \_\_\_\_\_

Angle **c** = \_\_\_\_\_

Angle **d** = \_\_\_\_\_

Angle **e** = \_\_\_\_\_



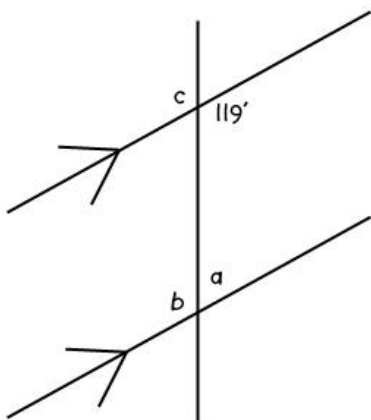
Angle **a** = \_\_\_\_\_

Angle **b** = \_\_\_\_\_

Angle **c** = \_\_\_\_\_

Angle **d** = \_\_\_\_\_

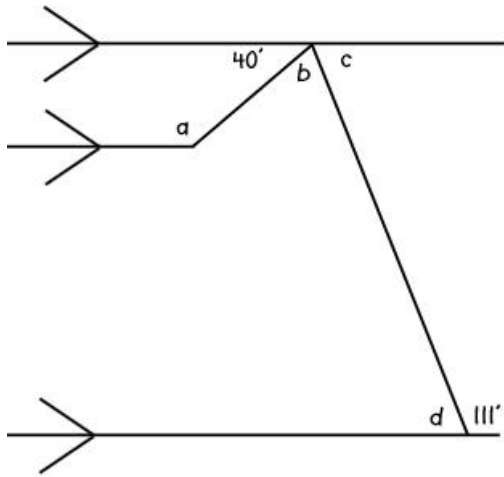
Angle **e** = \_\_\_\_\_



Angle **a** = \_\_\_\_\_

Angle **b** = \_\_\_\_\_

Angle **c** = \_\_\_\_\_



Angle **a** = \_\_\_\_\_

Angle **b** = \_\_\_\_\_

Angle **c** = \_\_\_\_\_

Angle **d** = \_\_\_\_\_

Angle **e** = \_\_\_\_\_

Answer the following questions regarding your tutor chat session:

1. Which question(s) did you receive help with from an online tutor?
  
2. What was the name of tutor(s) that helped you with your question(s)?
  
3. How long did the tutor session(s) last?
  
4. Did you find the tutor helpful in answering your question(s)?
  
5. What are your thoughts on (what do you think of) the tutor help this is available on the Homework Help website?