

To be able to identify angles

**MathShed**


**Starter:**  
Match the two sentence fragments to complete defining sentences for acute, right and obtuse angles.

An acute angle is	more than $90^\circ$ but less than $180^\circ$ .
A right angle is	less than $90^\circ$ .
An obtuse angle is	exactly $90^\circ$ .

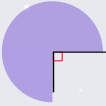
To be able to identify angles

**MathShed**


**Activity 1:**  
Are the angles shown below acute, right or obtuse angles?



acute angle



right angle



obtuse angle

To be able to identify angles




**MathShed**

**Activity 2:**  
Match each label to its example angle.

acute angle

right angle






obtuse angle

To be able to identify angles

**MathShed**




**Activity 3:**  
Circle all the acute angles.

To be able to identify angles

**MathShed**

**Activity 4:**  
Are the angles shown below acute, right or obtuse angles?

To be able to identify angles

**MathShed**

**Activity 5:**  
Match each angle measurement to its label.

acute angle	$177^\circ$
right angle	$23^\circ$
obtuse angle	$90^\circ$

To be able to identify angles



### Activity 6:

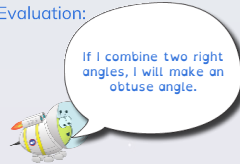
Are the following statements always, sometimes or never true?

- a) An acute angle is more than a right angle.
- b) An obtuse angle is more than a right angle but less than a straight line.
- c) If you make two acute angles and put them together, you make an obtuse angle.

To be able to identify angles



### Evaluation:



Is Astrobee's statement true or false?  
Explain your answer.