

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° but less than 180° .
A right angle is	less than 90° .
An obtuse angle is	exactly 90° .

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

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Activity 2:
Match each label to its example angle.

acute angle	
right angle	
obtuse angle	

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Activity 3:
Circle all the acute angles.

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

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Activity 5:
Match each angle measurement to its label.

acute angle	177°
right angle	23°
obtuse angle	90°

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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.

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Evaluation:



If I combine two right angles, I will make an obtuse angle.

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