

To be able to measure with a protractor

MathShed

Starter:
Revise the following angle terminology.



acute angle
(less than 90°)



right angle
(exactly 90°)



obtuse angle
(more than 90° ,
less than 180°)



straight line / half turn
(exactly 180°)



reflex angle
(between 180° and 360°)



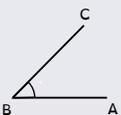
full turn
(exactly 360°)

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Draw angles and swap with a partner to measure them.

Activity 1:
Look at the angle, then complete the sentences below:



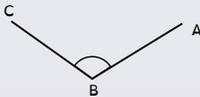
It is a/an _____ angle. It has a measurement of ____°.

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Activity 2:
Look at the angle, then complete the sentences below:



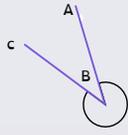
It is a/an _____ angle. It has a measurement of ____°.

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Activity 3:
Look at the angle, then complete the sentences below:

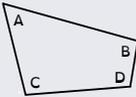


It is a/an _____ angle. It has a measurement of ____°.

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Activity 4:
Draw an irregular quadrilateral, like the one shown below.

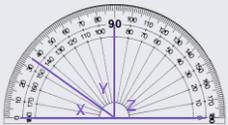


Measure all four of the angles.
What is the sum of the four angles?
Explain your answer.

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Activity 5:
What are the values of each of the angles below?



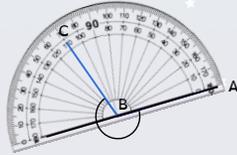
Explain your answer.

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Evaluation:

The angle above
measures 110° .



What has Astrobee done wrong?
Explain your answer.