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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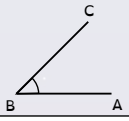
Activity 1:

Draw angles and swap with a partner to measure them.

Look at the angle, then complete the sentences below:



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

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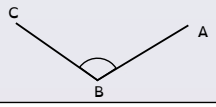
Activity 2:

Draw angles and swap with a partner to measure them.

Look at the angle, then complete the sentences below:



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

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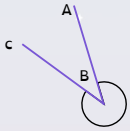
Activity 3:

Draw angles and swap with a partner to measure them.

Look at the angle, then complete the sentences below:



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

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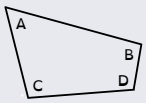
Activity 4:

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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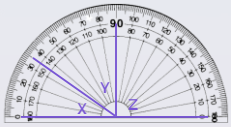
Activity 5:

What are the values of each of the angles below?



Explain your answer.

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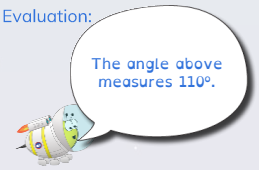
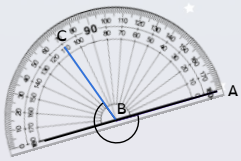
Evaluation:





What has Astrobee done wrong?
Explain your answer.