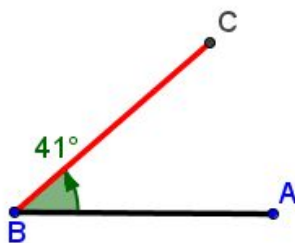


Student Activity Axiom

Use in connection with interactive file “Axiom” on the Student’s CD.



1. Drag the slider to the right what do you notice?

2. Drag the slider to the left. What do you notice?

3. Drag the slider to make the measure of the angle $ABC = 45^\circ$. What do you think is the measure of the reflex angle ABC ? _____
4. Drag the slider to make the measure of the angle $ABC = 180^\circ$, notice that text: **“The angle ABC is NOT a straight angle”** disappears . What can you conclude?

5. Drag the slider to make the measure of the angle $ABC = 90^\circ$. What is the name given to an angle of this measure?

6. When you drag the slider along the full line from left to right, how many degrees will the point C have travelled? _____
7. When you drag the slider to make the angle $ABC = 180^\circ$. What can we say about the points A, B and C? _____
8. Drag the slider to make the measure of the angle $ABC = 120^\circ$. Give a name for this type of angle. _____
9. Drag the slider to make the measure of the angle $ABC = 38^\circ$. Give a name for this type of angle. _____

10. Click on the Tick Box on the interactive file to reveal the wording of this axiom.

Did you come to this conclusion? _____