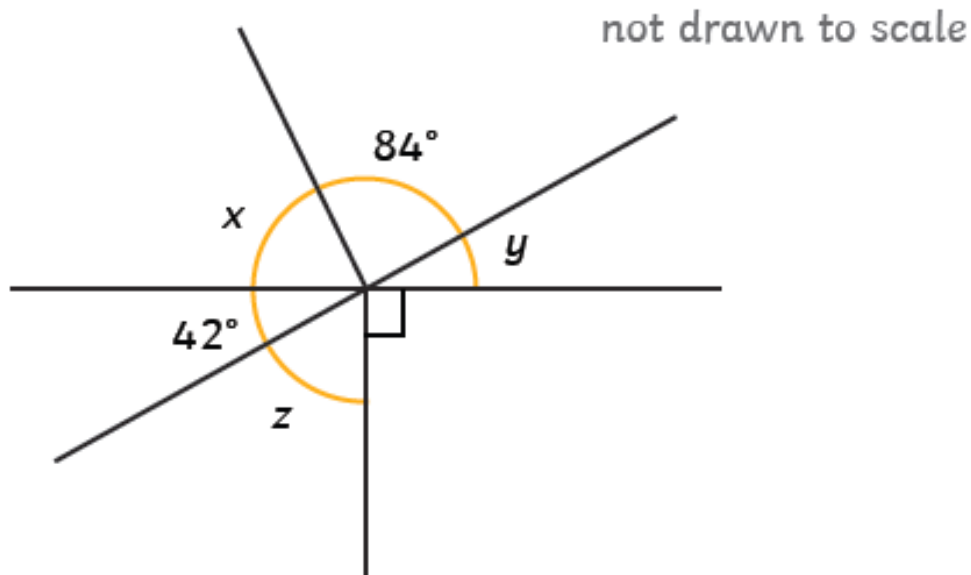


Dara and Conor each think of a different strategy to find angle z . Whose strategy will work? Whose won't? Explain your answer fully.



Dara, "As I know that vertically opposite angles are equal, I think that angle z must equal 84° ."



Conor, "I disagree with Dara. I think that because angles on a straight line measure 180° , angle z measures 48° ."