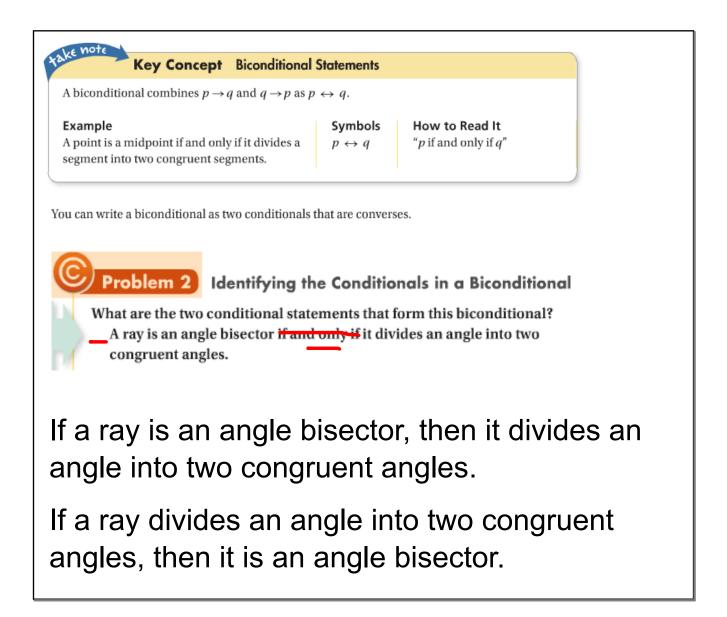


Biconditional: The sum of the measures of two angles is 180 if and only if the two angles are supplementary.



A good definition is a statement that can help you identify or classify an object. A good definition has several important components.

- A good definition uses clearly understood terms. These terms should be commonly understood or already defined.
- A good definition is precise. Good definitions avoid words such as *large*, sort of, and *almost*.
- ✓ A good definition is reversible. That means you can write a good definition as a true biconditional.

## Problem 3 Writing a Definition as a Biconditional

Is this definition of *quadrilateral* reversible? If yes, write it as a true biconditional. Definition: A quadrilateral is a polygon with four sides.

## is reversible

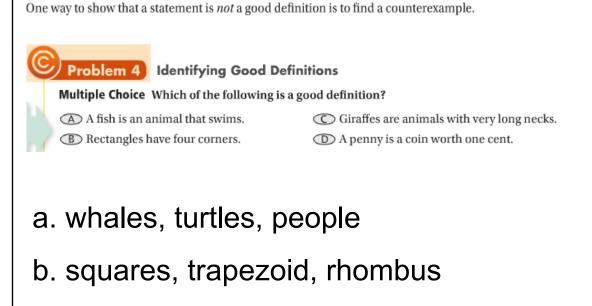
## Biconditional: A figure is a quadrilateral if and only if it is a polygon with four sides.

Is this definition of *straight angle* reversible? If yes, write it as a true biconditional.

A straight angle is an angle that measures 180.

## reversible

An angle is straight if and only if it measures 180.



- c. long?, flamingo, ostrich
- d. good definition