

A \_\_\_\_\_ is the set of all points in a plane for which the \_\_\_\_\_ of the distances from two fixed points is a constant.

- A) circle ...sum
- B) triangle ...difference
- C) ellipse ...sum
- D) hperbola ...difference

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An hyperbola is the set of all points in a plane for which the difference of the distances from two fixed points is a constant.

Answer **D**