Straight/curved/opposite/parallel

6 practice questions

1. Is the boundary of a circle straight or curved?

It bends all the way around.

Answer: Curved.

2. A semicircle is made by cutting a circle straight across its centre. Name the two kinds of boundary it has.

The cut is straight. The remaining half of the circle is curved.

Answer: One straight edge and one curved part.

3. In rectangle ABCD, name the side opposite AD.



AD is on the left. BC is across from it on the right.

Answer: BC.

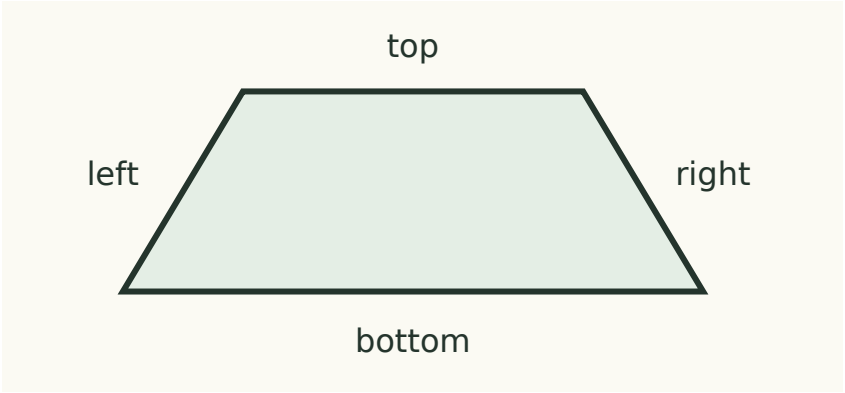
4. Name a side that shares a corner with AB.



AD shares corner A; BC shares corner B. Either answer is correct.

Answer: AD or BC.

5. Name the parallel pair in the trapezium.



The horizontal edges keep the same separation.

Answer: The top and bottom edges.

6. Sam draws two sloping lines that get closer together. He says they are parallel because they have not met yet. Is he right? Explain.

Their gap changes, so they are not parallel even before they meet.

Answer: No.