

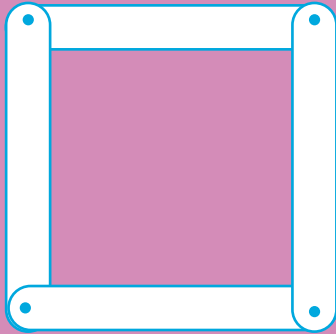


Use **geostrips** to make a structure like the ones you've seen.

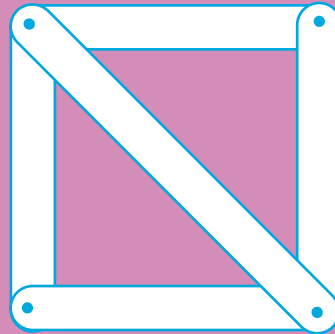
Is your structure **rigid**?

Experiment with other structures and look for what makes your structures **rigid**.

Think about a square made of geostrips. It isn't **rigid**.



It can be made **rigid** by adding a single brace.

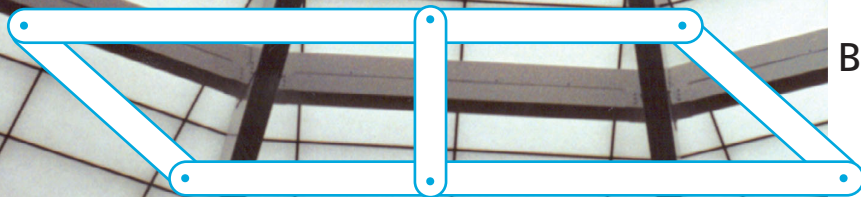
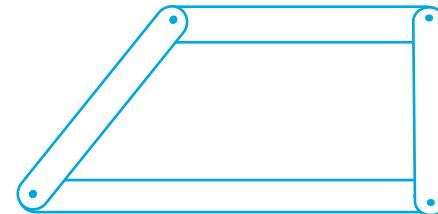
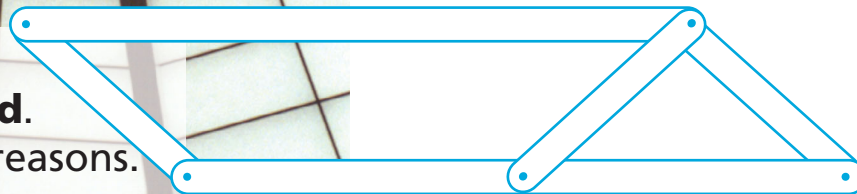


Look again at the **rigid** structures you have made.

Have you used more braces than you need?

Will your structure stay **rigid** if you take some of the braces away?

Decide if these structures are **rigid**. Write down your reasons.



Build them to test your mathematical conjectures.

