

1

Make this one

Hand a group of six the triangle card with no further instruction. Students have to work out that three of them stand at the corners with straight lines between.

"Make this shape with your bodies. It needs three corners and three straight sides."

"Who is a corner? Who is a side?"

2

Is this still a rectangle

Have the group stand in a long thin rectangle and ask whether it counts. The answer names four corners and four straight sides rather than the length of the sides.

"Is this still a rectangle? How do you know?"

"Does it stop being one because two sides are long?"

3

A triangle that was not sitting flat

After a student has named a roof and a sandwich, ask for a triangle they have seen resting on a point or a side, and for what made it a triangle.

"Tell me about a triangle you have seen that was not sitting flat."

"What made it a triangle?"

4

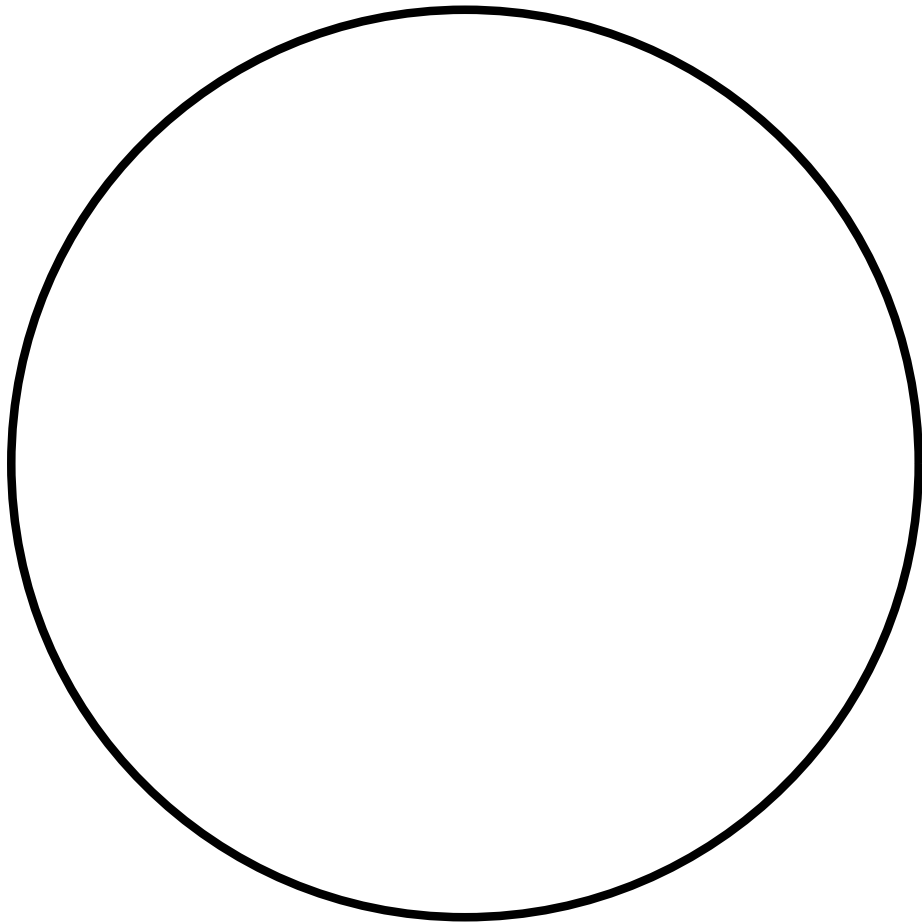
Set a shape for another group

Groups take a shape card and a condition card, build the shape to meet both, then set the same pair for another group without showing either card. The second group builds it, and the first group judges the result against the two cards they chose.

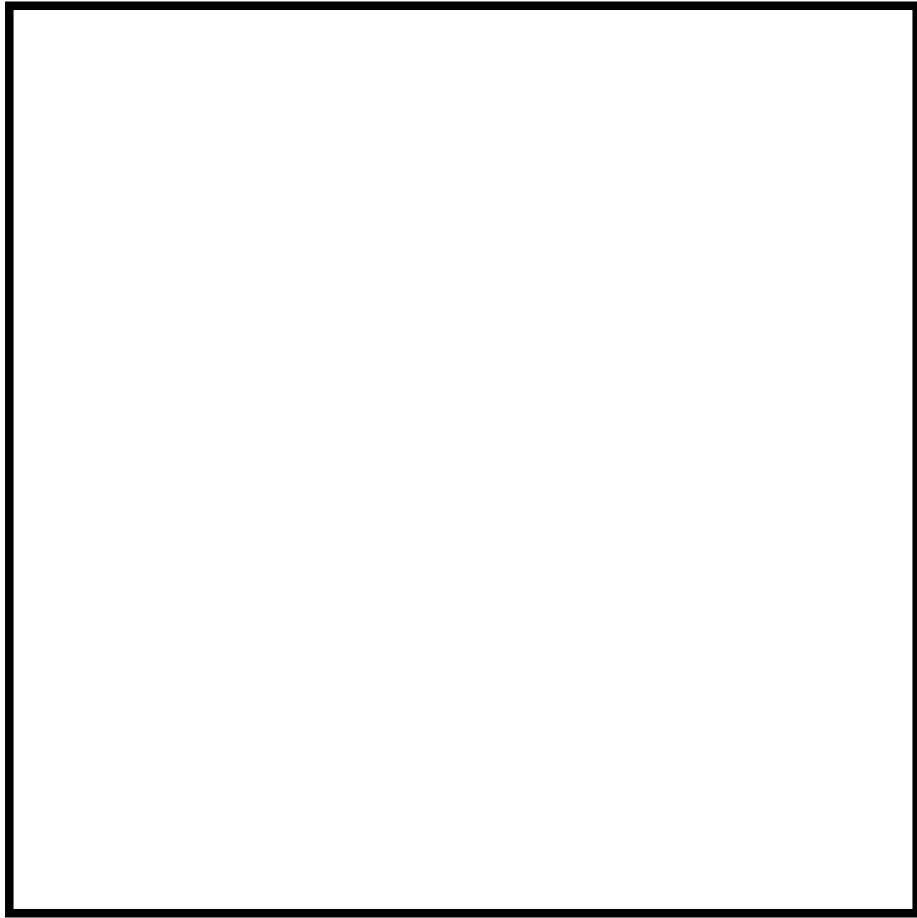
"Take a shape card and a condition card. Do not show them."

"Does what they made match the shape? Does it meet the condition?"

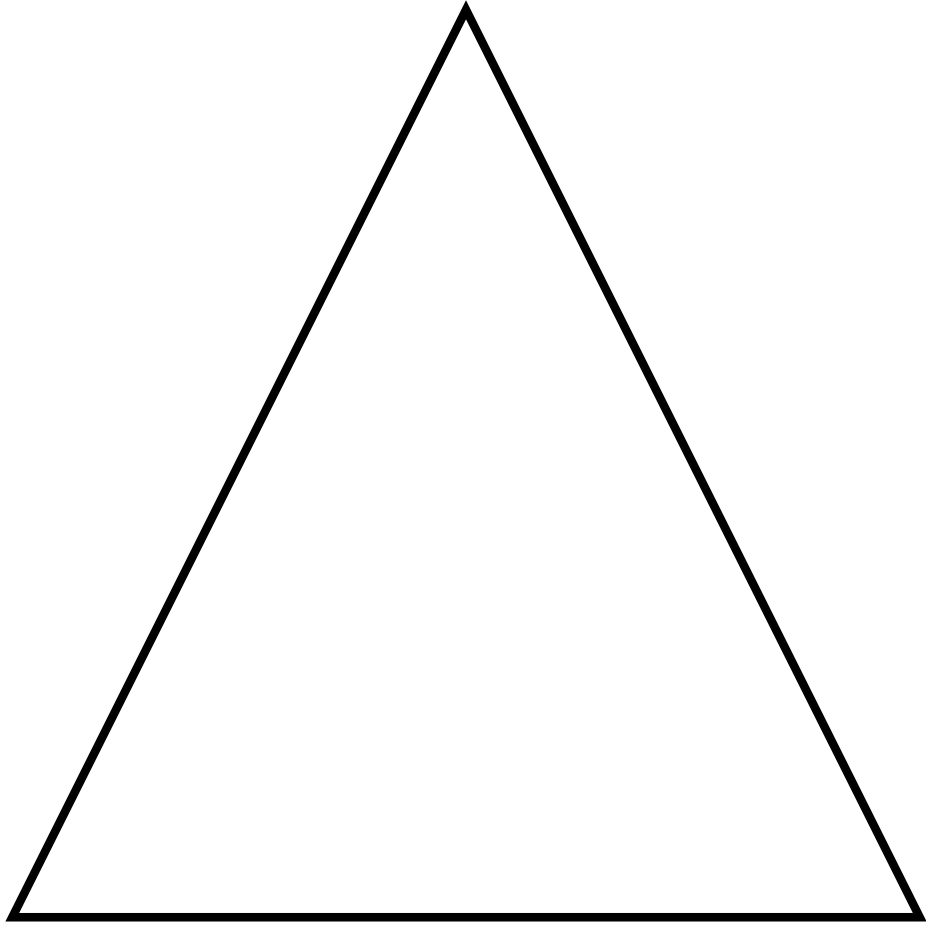
A condition such as leave one person out to check changes who can see the shape, and a condition such as make it without talking changes how the group settles where each person stands. Both are harder than building the shape alone, which is the point of them.



circle



square



triangle



rectangle

Condition cards

Use every person in your group

Leave one person out to check

Make it big enough to stand inside

Make it without talking

Everyone must be lying down

Everyone must be sitting down

Make it with only four people

Make two sides much longer

Make it so it is not sitting flat

Hold hands all the way around

Make one side touch a wall

Make it in ten counts

Blank cards for conditions the class invents
