

Tangram hexagons: Student worksheet

<http://topdrawer.aamt.edu.au/Geometric-reasoning/Misunderstandings/Classifying-polygons/Hexagonal-tangrams>

How many different hexagons can be made from a tangram?

Convex hexagons

Use all seven tangram pieces to make convex hexagons. You are allowed to flip the parallelogram over. There is no need to turn the other pieces over.

Here is one example.



Find as many as you can. Draw them or take photos of them.

Non-convex hexagons

Use all seven tangram pieces to find a non-convex hexagon. You are allowed to flip the parallelogram over. There is no need to flip the other pieces over.

Here is one example.



There are many to be found that are different to this one.

Draw them or take photos of them. Give them names! This one looks like a garden gnome.

