Discover the monsters that are the same.
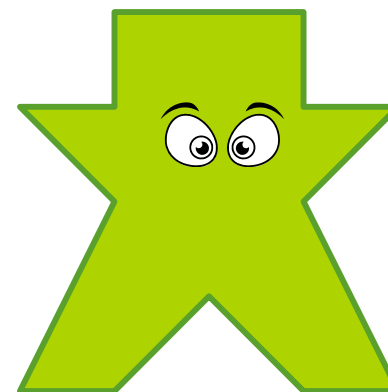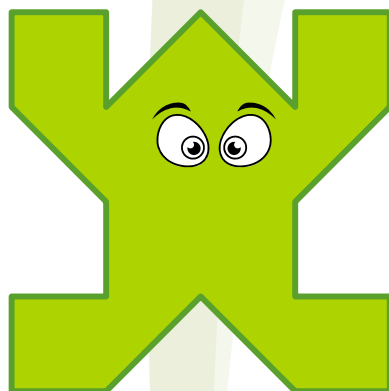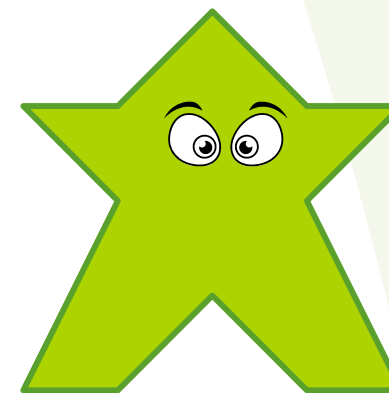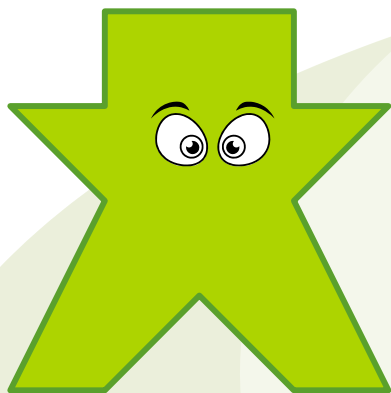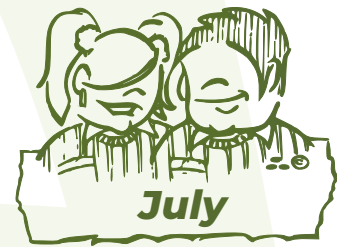
The recess bell has just rung and many children have rushed out to line up to shop at the school store.

Margaret surveys the line and states:

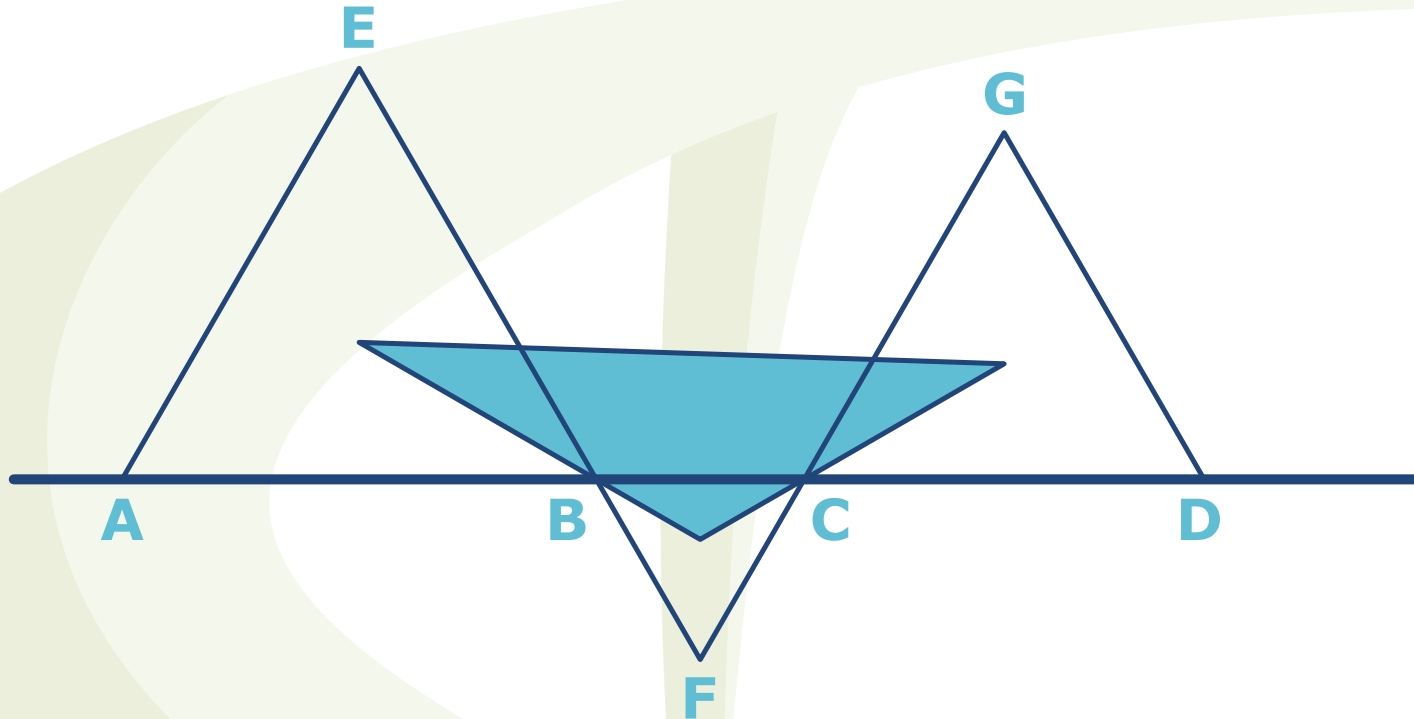**"In front of me there are twice as many children as behind me. I'm 11th in line."**

How many children are standing in line?

Calculate the area of the equilateral triangle formed by joining the barycenters of the equilateral triangles $\triangle$**ABE**, $\triangle$**BFC**, and $\triangle$**CDG** as a function of the lengths **AB** , **BC**, and **CD**.