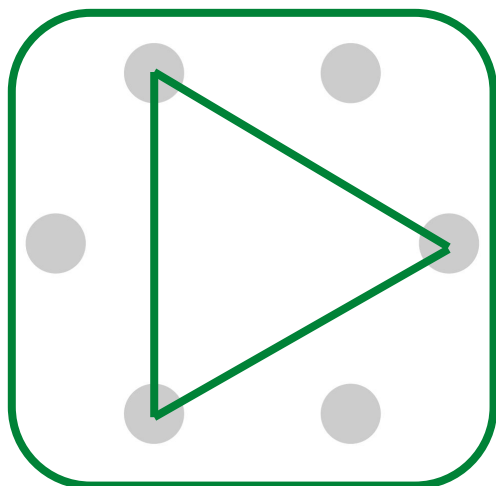
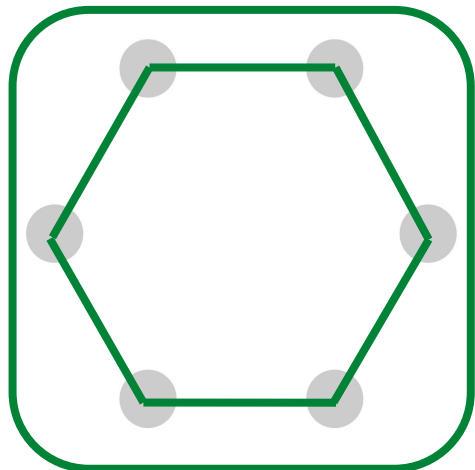
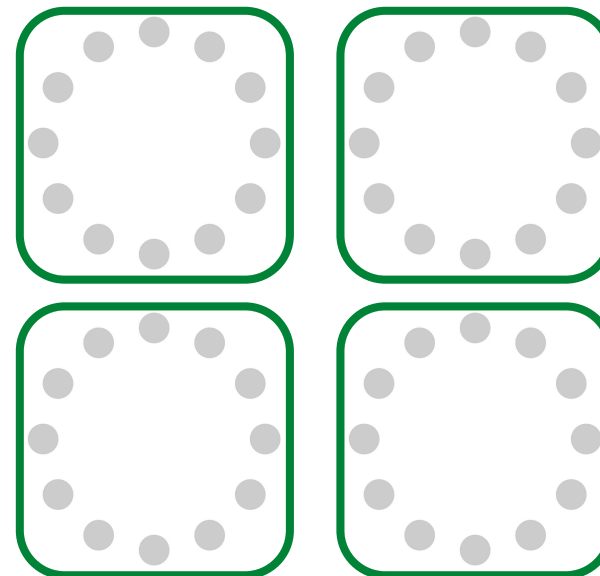
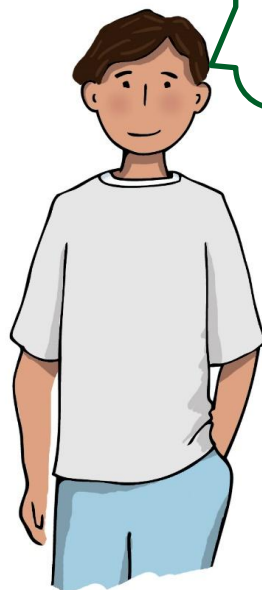


Try this

You can create **regular polygons** by connecting dots that are equally spaced in a ring.



With six points I can make two different regular polygons



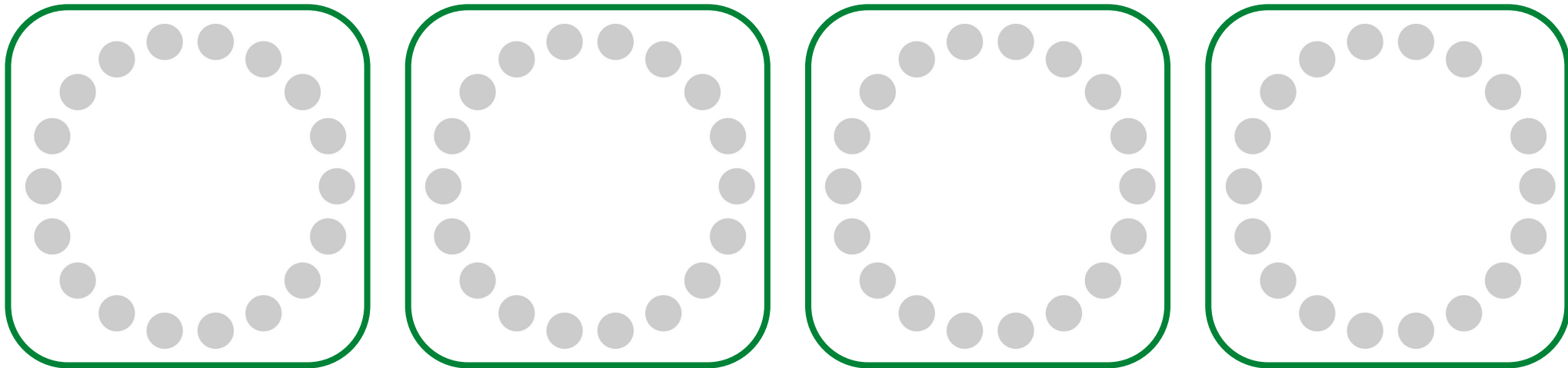
What regular polygons can you make for a ring of 12 dots?

What do you notice?



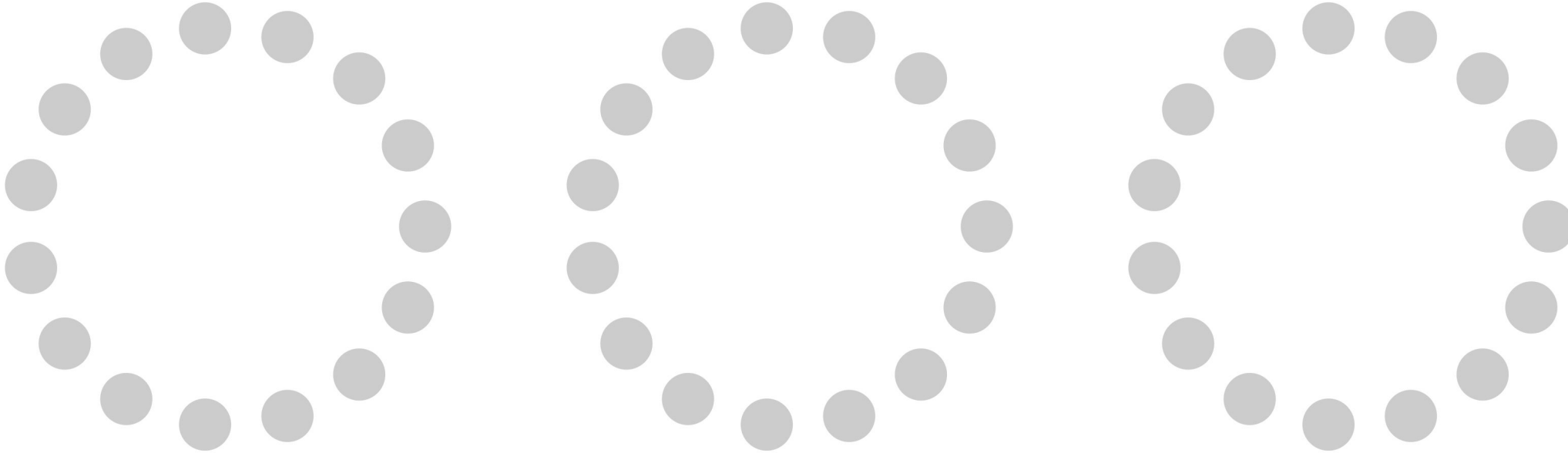
Independent task

- 1) Predict how many regular polygons you can draw using 18 dots.
- 2) How did you arrive at your prediction?
- 3) Draw your predicted regular polygons below.



Explore

1) Draw the 3 regular polygons you can have in a ring of 15 dots.



2) How many regular polygons can you draw in a ring of 36 dots.
How many sides will they have?

