

# CURIOSITY AT HOME

## FROM A CIRCLE TO A SQUARE TO A ...



... hexagon to a pentagon. How many different shapes can you find in a circle of 12 dots?

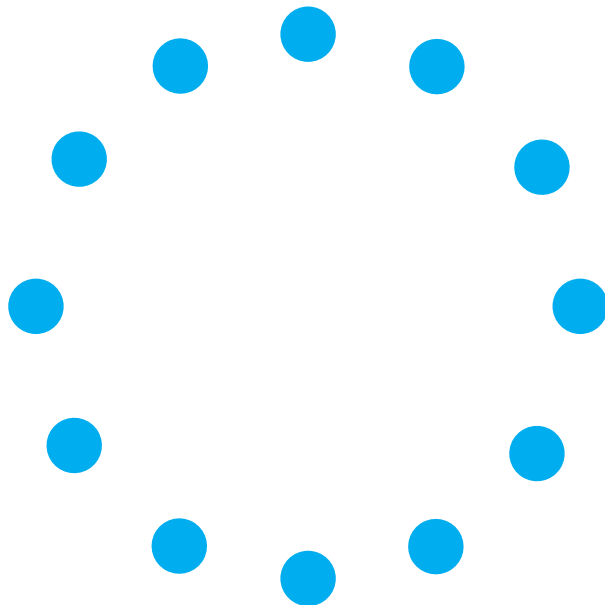
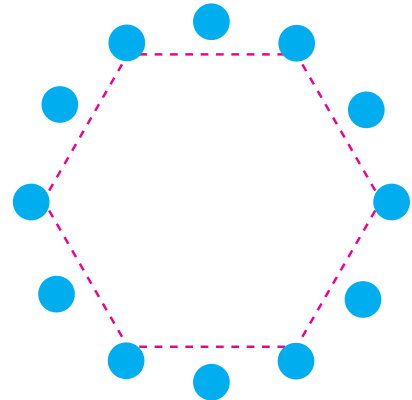
### MATERIALS

- Paper
- Different colored pens or pencils

### PROCEDURE

- Use the circle diagram below or create your own using a circular object in your home, like a cup or a can.
- Connect different numbers and combinations of the dots to see what shapes you can make.
- Can you connect some dots to make a square? A hexagon (six sides)? A pentagon (five sides)?
- Use different colored pens or pencils to create each shape.

EXAMPLE



Show us how you're being curious! Share your results with us at [@pacsci](#) on Facebook, Twitter and Instagram.

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