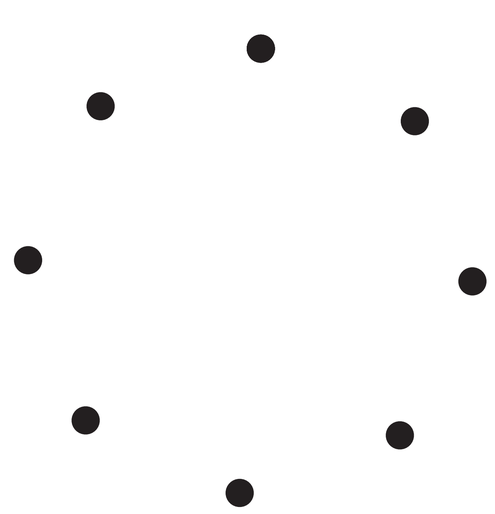
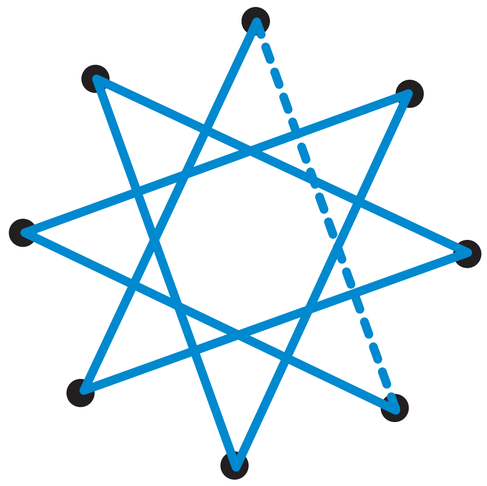
11 PLAY WITH YOUR MATH

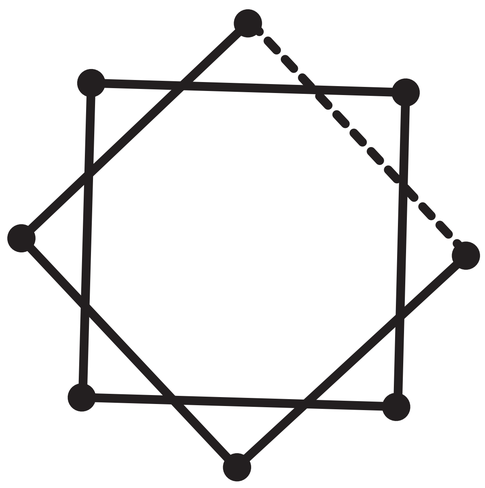
Star Polygons



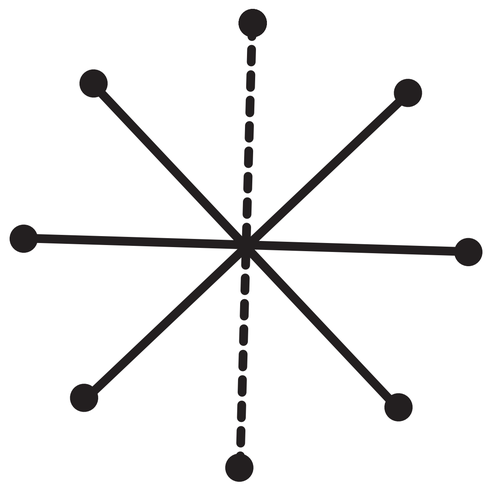
Here are **8 dots** arranged in a circle.



Connecting **every 3rd** dot creates a **star polygon**.



Connecting **every 2nd** dot creates **two squares**.



Connecting **every 4th** dot creates an **asterisk**.

How can you make a **star polygon** with **9** dots? **10** dots? **12** dots? ***n*** dots?

Grab a worksheet, and give it a try. When you think you have it, write out your solution, put your name on it, and drop it in a Play With Your Math submission box. For questions, see your math teacher. The “best” solutions will be rewarded.