- Explore star polygons!
- Does any pair $\{n, m\}$ work to create a star?
- Do any of the number combinations result in odd cases?
- Are there any distinct pairs that result in the same star?

Now it's your turn!!! Draw your first star polygon:

$n =$ _____ $m =$ _____

These are called
STAR POLYGONS
Mathematicians label them listing the two numbers:
$\{n, m\}$

Not finished yet!!! Make sure you do the process with every point!

3 Repeat with every point!

2 Choose a second number, m. Starting on any point, count m points moving clockwise, and connect this point with the one where you started.

I chose $m = 2$

1 Choose a number, n. On a circle, mark that number of equally spaced points.

I chose $n = 5$

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