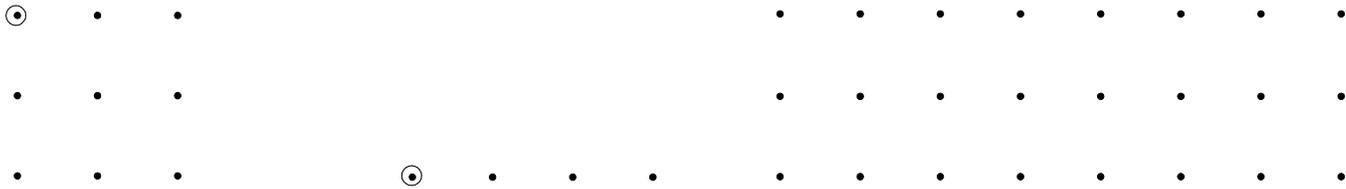
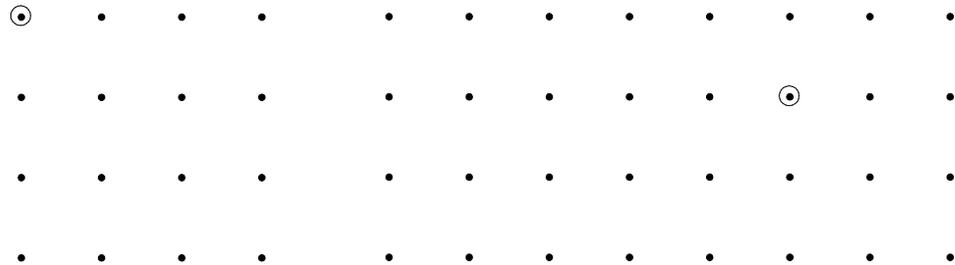


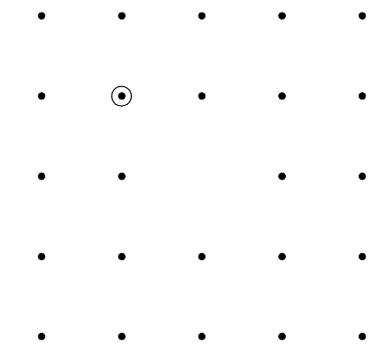
Using the printed dots for corner locations, draw line segments to create multi-sided polygons. Line segments must change direction at each corner. Lines may not cross. For a greater challenge, use a pen and start and end each polygon at the circled dot. For another puzzle, ignore the circles and all text below this paragraph. Using the same rules for line segments, connect ALL of the 249 corner dots to create ONE multi-sided polygon with 249 sides! Bonus activities: 1) Use all of the dots and draw 83 triangles which don't share any sides or corners. 2) Same as #1 but create no right triangles.



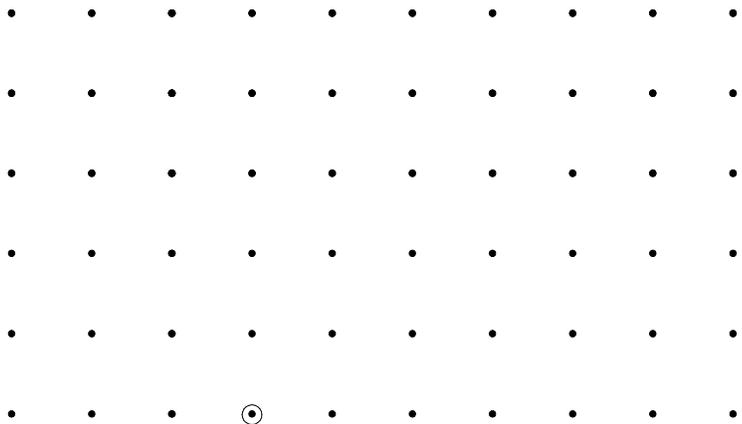
Draw a 7-sided polygon.



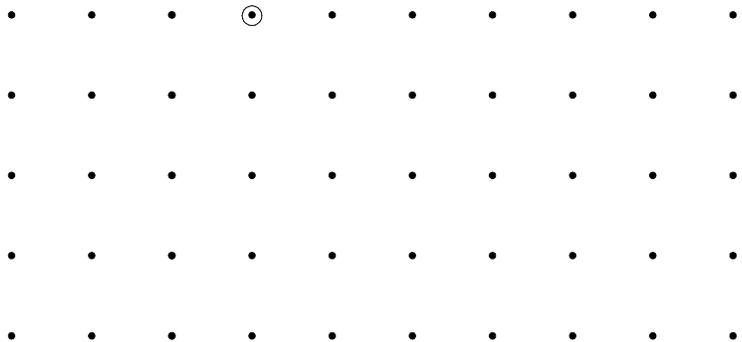
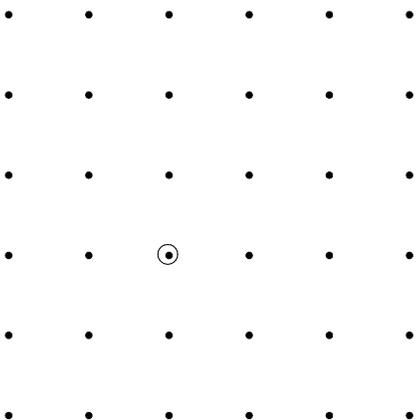
Draw a 16-sided polygon



Draw a 64-sided polygon



Draw a 24-sided polygon



Draw a polygon which has 100 sides.

Draw a 36-sided polygon