

5. (Polygon Sweep) When the turtle is walking around a triangle, what fraction of a circle does he sweep out every time he turns a corner?

6. (Polygon Walk and Turn) What fraction of a circle does the turtle sweep out every time he turns the corner of a square?

7. (Drawn and Filled Paths) How much of a circle is turned during a complete walk around any polygon?

8. (Seeing External Angles) What is an external angle?

9. (Seeing External Angles) Which are bigger—the external angles of an equilateral triangle, or the external angles of a regular pentagon?

10. (Supplementary Angles) What are supplementary angles?

11. (Angles of a Triangle) Are internal and external angles of a triangle supplementary? Explain how you know.

12. (Angles of a Hexagon) Are internal and external angles of any polygon supplementary? Explain how you know.

13. (Polygon Connect the Dots) Figure out how to draw a triangle and a hexagon.
14. (Draw with $\frac{1}{6}$ and $\frac{1}{3}$) Try creating some different designs.