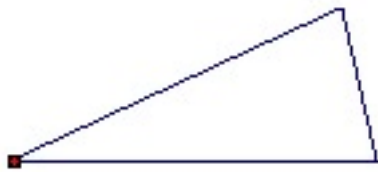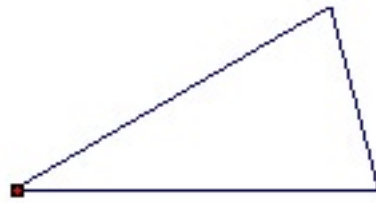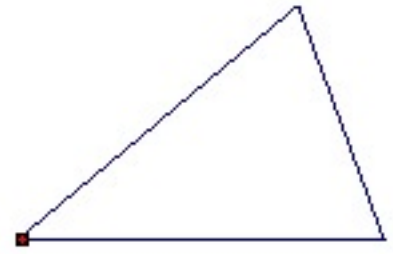## Simple Kaleidoscopes

Activity 3

Place mirrors along the lines that meet at the marked vertex of the triangle. *Which of the angles produce a regular polygon?* You may also try your own angles. Express the condition satisfied by angles that give rise to a regular polygon in your own words.
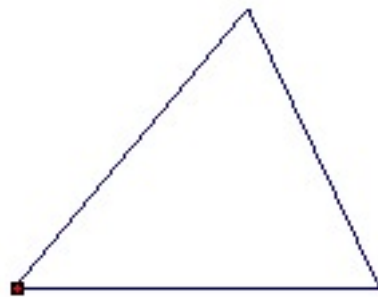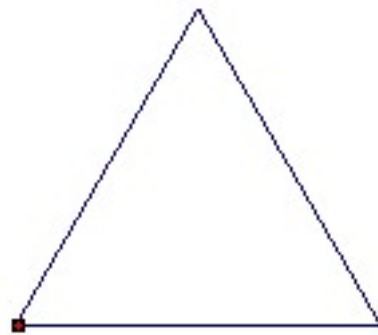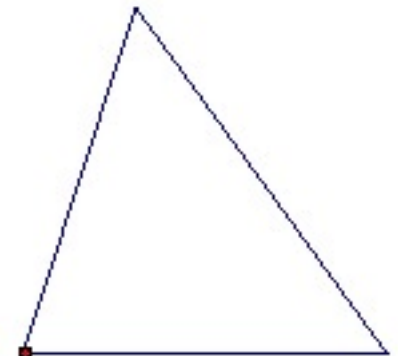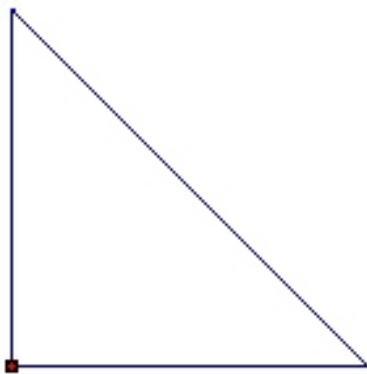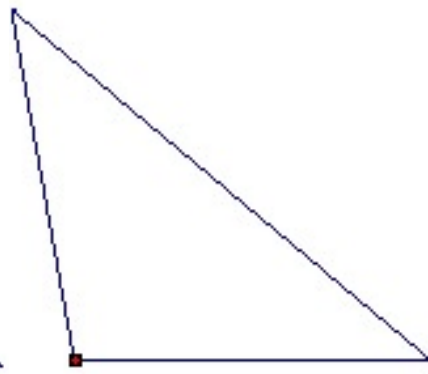
25°

30°

40°

50°

60°

72°

90°

100°

120°

150°