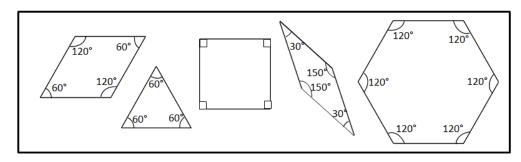
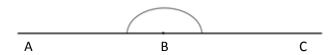
Date _____

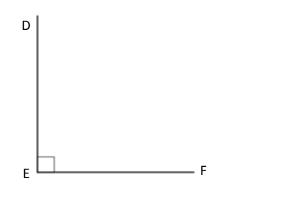
Sketch two different ways to compose the given angles using two or more pattern blocks. Write an addition sentence to show how you composed the given angle.



1. Points A, B, and C form a straight line.



 $\angle DEF = 90^{\circ}$



90° = _____

90° =

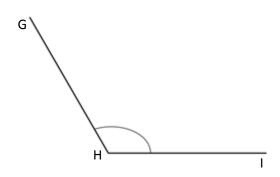
EUREKA

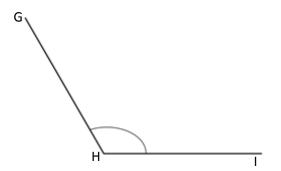
Lesson 9:

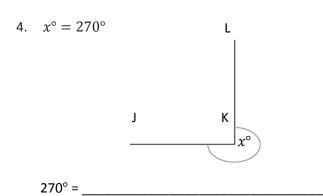
Decompose angles using pattern blocks.

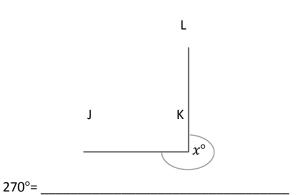
157

3. $\angle GHI = 120^{\circ}$

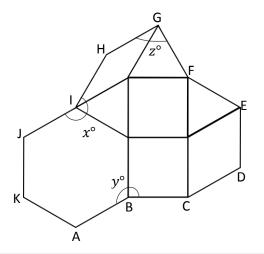








Micah built the following shape with his pattern blocks. Write an addition sentence for each angle indicated by an arc and solve. The first one is done for you.



a.
$$y^{\circ} = 120^{\circ} + 90^{\circ}$$

$$y^{\circ} = 210^{\circ}$$

b.
$$z^{\circ} =$$

c.
$$x^{\circ} =$$

Lesson 9: Decompose angles using pattern blocks.