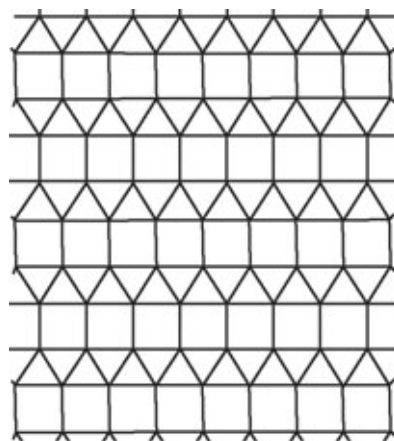


## Section 12.2 Extra Practice

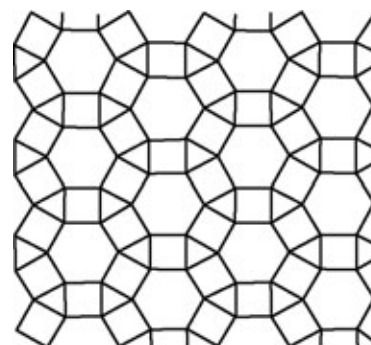
1. **a)** Which two polygons make up this tessellation?
- b)** Are both shapes regular polygons?  
Explain your answer.
- c)** Explain how this tessellation could be constructed using a translation.
- d)** Explain how this tessellation could be constructed using a reflection.



2. **a)** Which two polygons make up this tessellation?
- b)** Where have you seen this tessellation used in sports?
- c)** Considering your answer in part b), can this tessellation be used to tile the plane?  
Explain how you know.



3. **a)** Which three polygons make up this tessellation?
- b)** Which transformations could be used to create this tessellation?



4. Which of these figures are reptiles? How do you know? Hint: See #9 on student resource page 456.

