## Unit 1 Lesson 9: Polygons

### 1 Which One Doesn’t Belong: Bases and Heights (Warm up)

#### Student Task Statement

Which one doesn't belong?



### 2 What Are Polygons?

#### Student Task Statement

Here are five **polygons**:



Here are six figures that are *not* polygons:



1. Circle the figures that are polygons.
* 
1. What do the figures you circled have in common? What characteristics helped you decide whether a figure was a polygon?

### 3 Quadrilateral Strategies

#### Student Task Statement

Find the area of *two* **quadrilaterals** of your choice. Show your reasoning.



### 4 Pinwheel (Optional)

#### Student Task Statement

Find the area of the shaded region in square units. Show your reasoning.



#### Images for Activity Synthesis







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