Name____

Determining the Area of Regular/Irregular Polygons

In this worksheet, we will practice determining the area of irregular and regular polygons by the composition and decomposition of rectangles and triangles.

For example, find the area of the hexagon below.



(Note: some of the figures are not drawn to scale.)

Exercise Questions:

1. Find the area of the pentagon below. 4. Find the area of the polygon below.



2. Find the area of the hexagon below.



3. Find the area of the polygon below.





5. Find the area of the polygon below.



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Answer Key

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Exercise Questions:

1. Find the area of the pentagon below.



36 units ²

<u>108 uni</u>ts ²

2. Find the area of the hexagon below.



3. Find the area of the polygon below.



4. Find the area of the polygon below.



5. Find the area of the polygon below.



Answer Key

