## 9.2 Area of Trapezoids, Kites, and Rhombi





Summarize your notes!

## 9.2 PRACTICE







## **9.2 APPLICATION**



Watch the application walk through video if you need extra help getting started!

1. Draw rhombus *YEPS* with a perimeter of 20 in and a diagonal of 6 in. Find the area!

2. **SAT PREP** Below are sample SAT questions. The SAT is the main standardized test that colleges look at for admission. One is multiple choices; the other is free response where you must grid in your answer. Blow it up.



3. SHADED REGION Find the area of the shaded region.



4. **PERIMETER** Don't forget about perimeter. Perimeter is the length of all sides added together. Think about walking around the edge of the figure, how far would you walk. (It helps to pretend you are a little ladybug so you can visualize walking around the figure, plus ladybugs are adorable.)



5. COORDINATE GEOMETRY Find the area of quadrilateral QRST.



Given the coordinate points.

