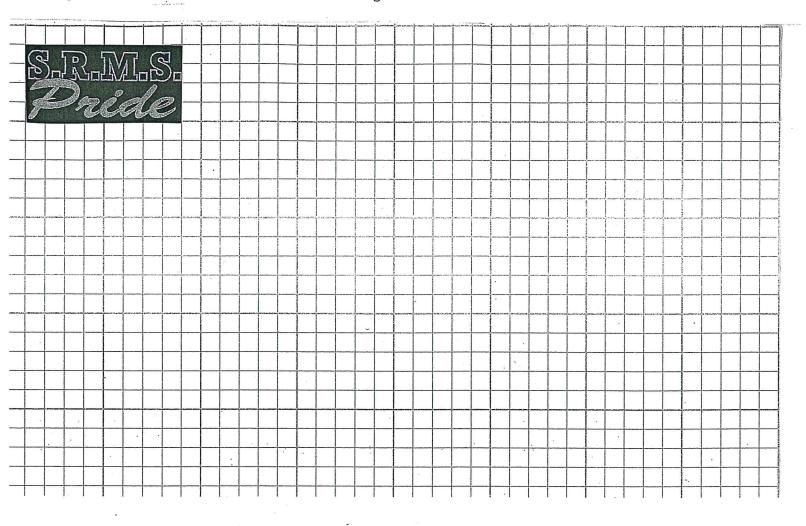
## **SRMS Pride!**

Santa Rosa Middle School needs posters for Spirit Week. The "SRMS Pride" logo will be turned into a poster that is five times the size of the actual logo shown below.



1. Use the drawing above to find the following measurements.			
a.	Scale Factor:e.		Length of the Scaled Logo:
b.	Length of the Actual Logo: f.		Width of the Scaled Logo:
с.	Width of the Actual Logo: g		Area of the Scaled Logo
d.	Area of the Actual Logo: h	ι.	Ratio of Scaled area to Actual area
2.	What is the scale factor?		

3. How many times larger is the area of the scaled logo than the actual area?

4. What is the relationship between scale factor and area?