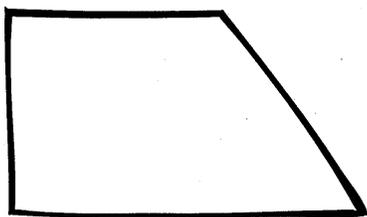


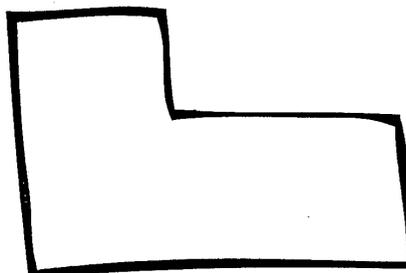
## Shading Shapes

Estimate to shade each figure as described. Be prepared to describe your strategy. Think of a way to check your estimate.

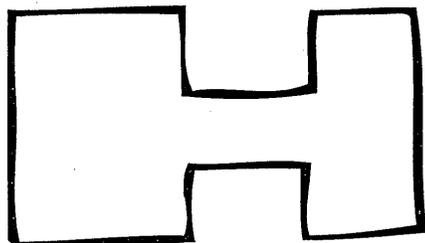
1. Shade 50%.



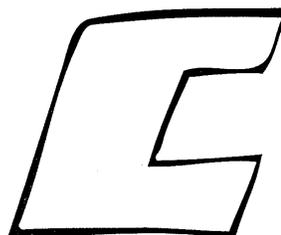
2. Shade 25%.



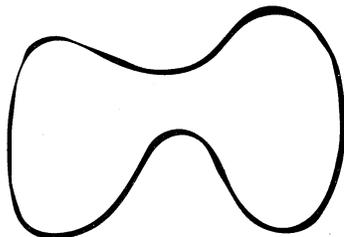
3. Shade 80%.



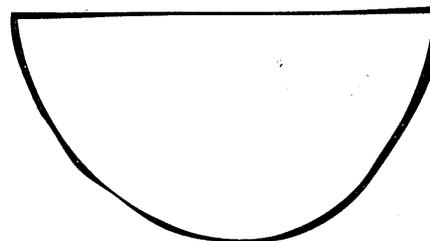
4. Shade 40%.



5. Shade  $66 \frac{2}{3}\%$ .



6. Shade 10%.



7. Which was the hardest figure to shade? Why?

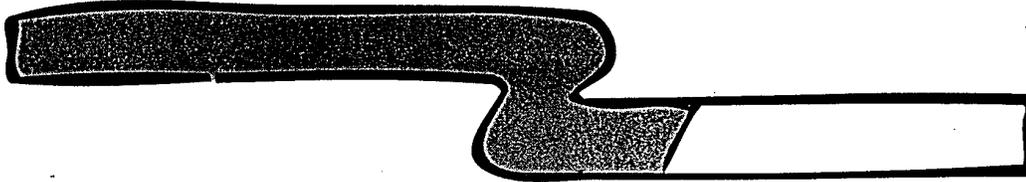
[From ESTIMATION INVESTIGATIONS by Marcia Miller and Martin Lee. Scholastic Inc. <http://www.scholastic.com>] *Permission Waived per 2-27-02 Phone Conversation*

A.68

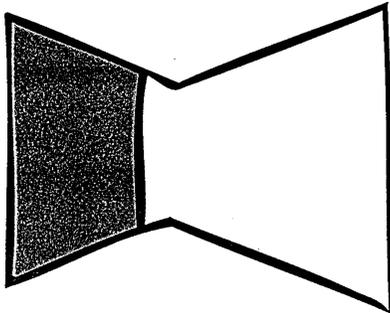
## In The Shade

Examine each drawing. Estimate the percent that is shaded. Explain how you made your estimate.

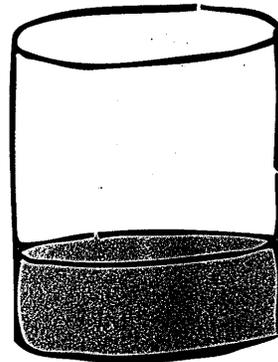
1.



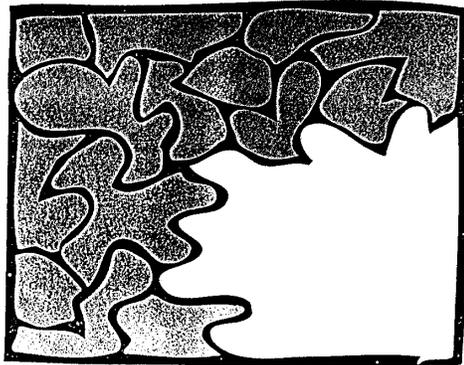
2.



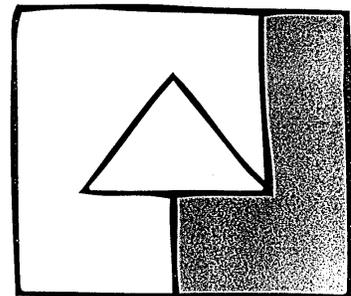
3.



4.



5.



**6. Draw a trail map. Place a hiker somewhere on the trail. Challenge a classmate to estimate the percent of the trail the hiker has walked.**

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