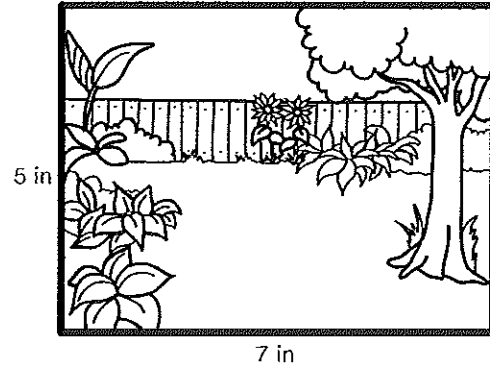
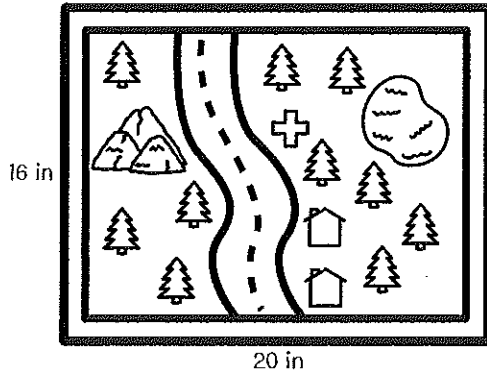


Name _____

Date _____ Pd _____

HOW DOES AREA APPLY TO SCALE DRAWINGS?

Answer the following questions. Be sure to explain your thinking.



1. What is the area of the map above?

2. The map above is being enlarged by a scale factor of 4 and painted at the entrance of a campsite. How many square inches will the map take up?

3. The same map will be reduced by 50% and painted on various markers around the campsite. How many square inches do the markers need to be?

4. What is the area of the photograph above?

5. The photo above is being enlarged by a scale factor of 2.5 and framed. How many inches of framing will be needed?

6. Once framed, how many square inches of space will be needed to hang the picture?