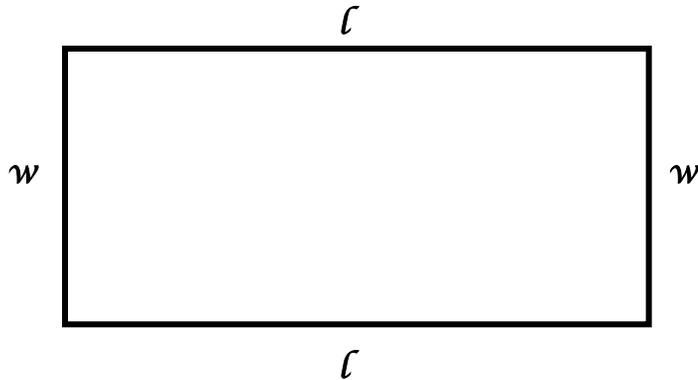


Perimeter and Area

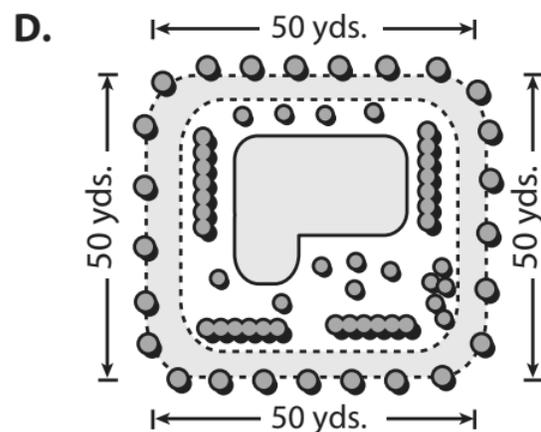
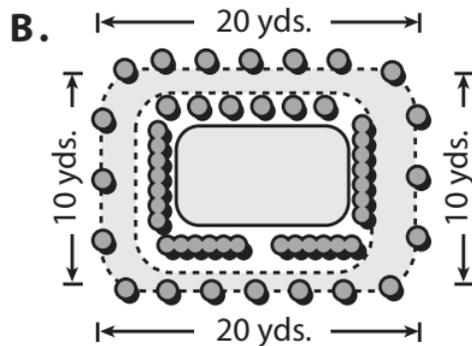
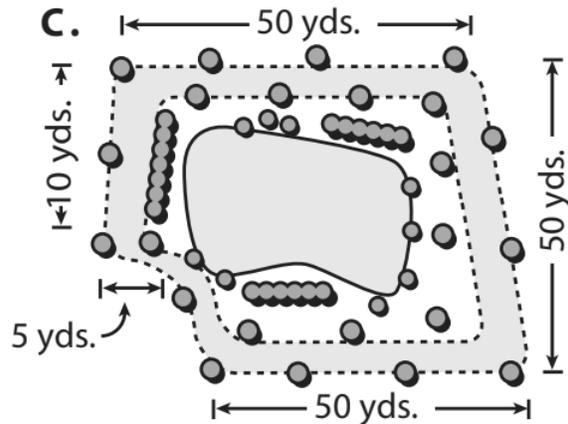
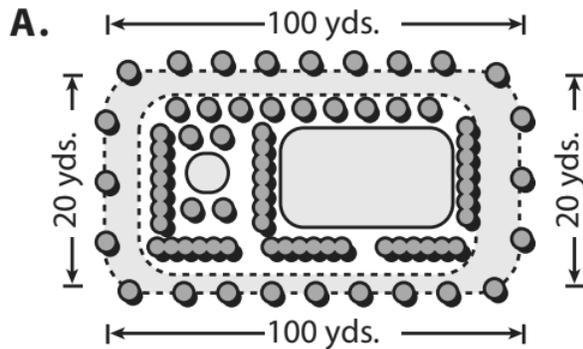
Instructions: Solve the following word problems using the perimeter and area formulas.



Don't forget:

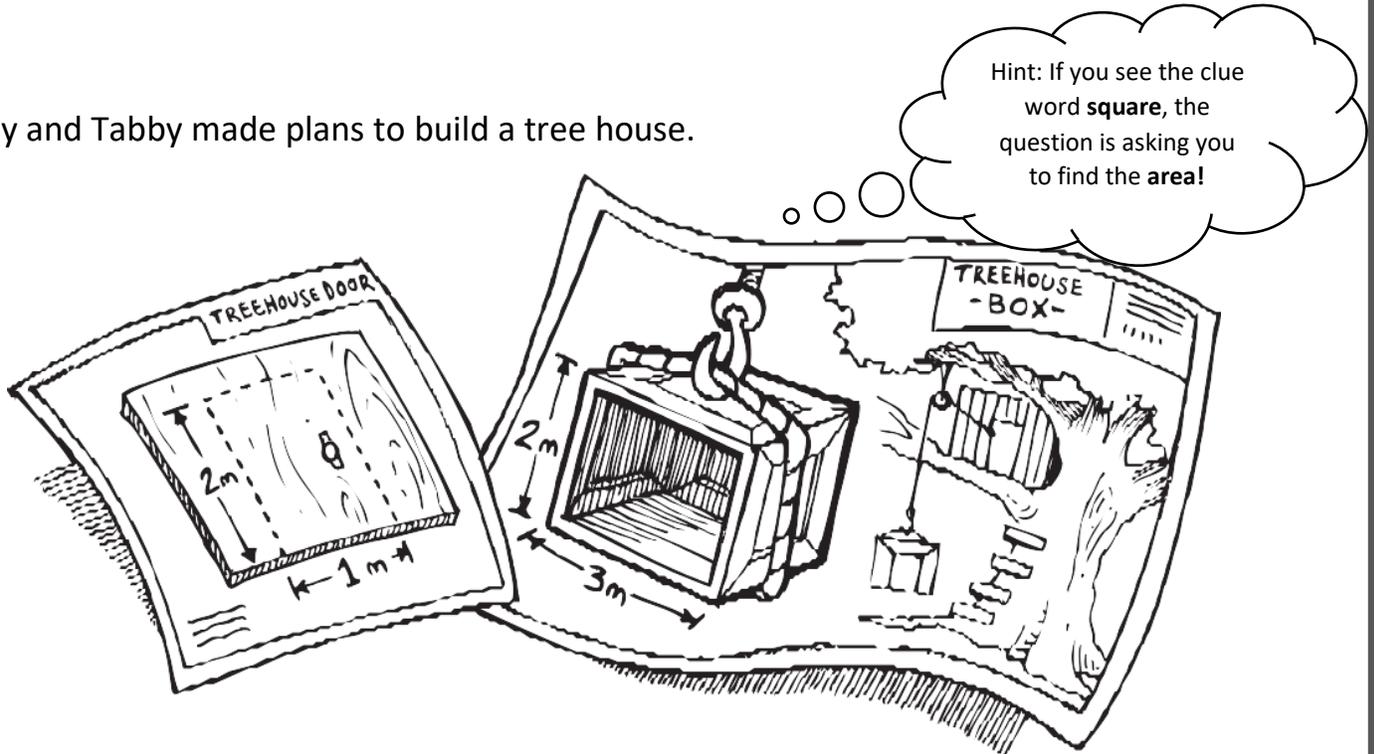
- * l = length
- * w = width
- * Perimeter (p) = $l + l + w + w$
- * Area (a) = $l \times w$

1. The school track team wants to run for 200 yards. Which of the following paths could they follow to run 200 yards?



2. Javier is weaving a tablemat that is 12 inches long and 18 inches wide. How much material would he need (in square inches) in order to complete his tablemat?
- a. 30 square inches
b. 60 square inches
c. 120 square inches
d. 216 square inches

Ray and Tabby made plans to build a tree house.



3. Ray plans to put a piece of rope around the box so he can load up supplies and bring them into the tree house. How long should the rope be to go **around** the box?
4. Tabby plans to build the door. How many **square** meters of wood will she need to use to build the door