

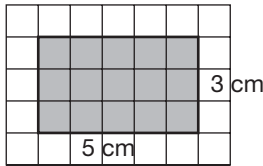
Area and Units

A square unit is a square with sides that are each 1 unit long.

$\square = 1$ square unit

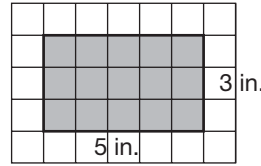
The number of square units needed to cover the region inside a figure is its area.

Pam wants to make flash cards for her study group. She wants each flash card to have an area of 15 square units. Should she use square centimeters or square inches as a unit?



$\square = 1$ square centimeter

A square centimeter is a square that has a length of 1 cm on each side. If Pam uses square centimeters the area would be 15 square centimeters. That seems too small for a flash card.

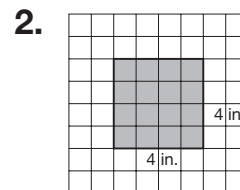
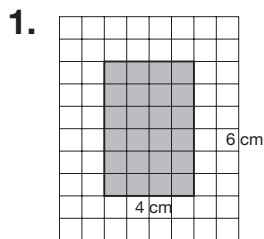


$\square = 1$ square inch

A square inch is a square that has a length of 1 inch on each side. If Pam uses square inches the area would be 15 square inches. That seems a reasonable size for a flash card.

Pam should use square inches as the unit.

What is the area of each figure shown below?



3. Is the area of a paperback book cover closer to 28 square inches or 28 square centimeters? Tell how you decided.

4. Maria wants to draw a painting with an area of 40 square inches. If she drew her painting on 1-inch grid paper how many squares would the painting cover? Tell how you know.
