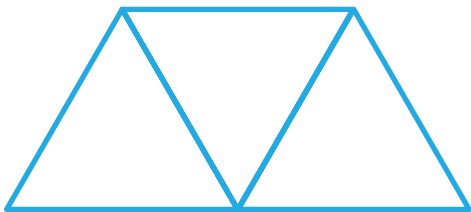
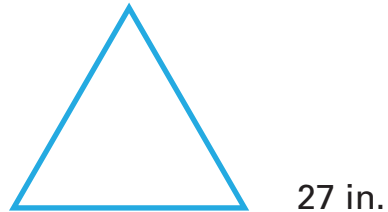
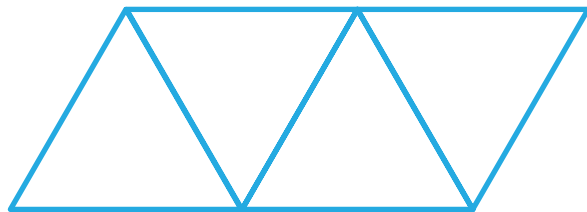


Perimeter Puzzler

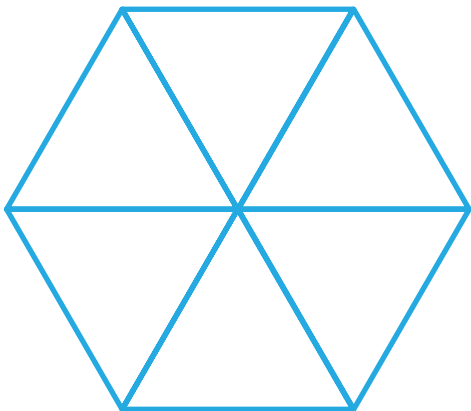
Perimeter is the distance around a two-dimensional shape. One equilateral triangle has the perimeter of 27 inches (in.). WRITE the perimeter of each shape.



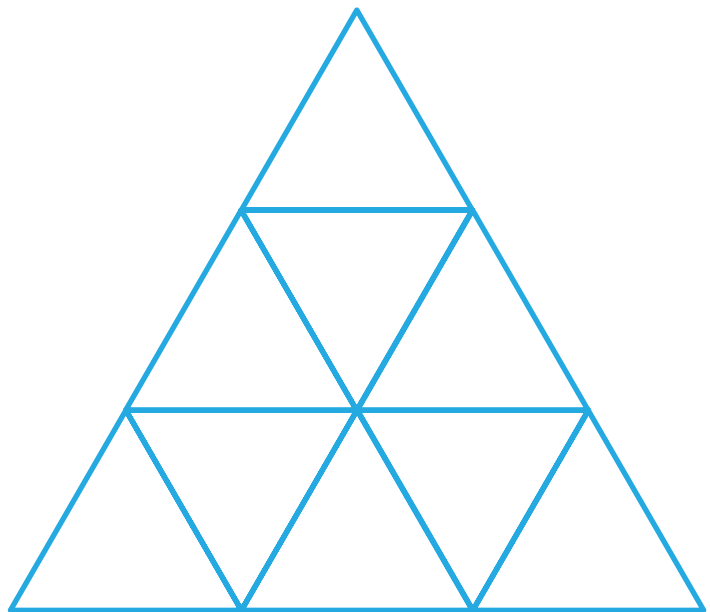
1 in.



2 in.



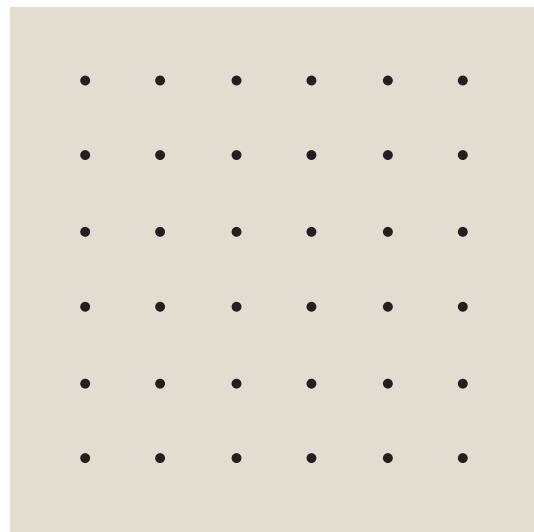
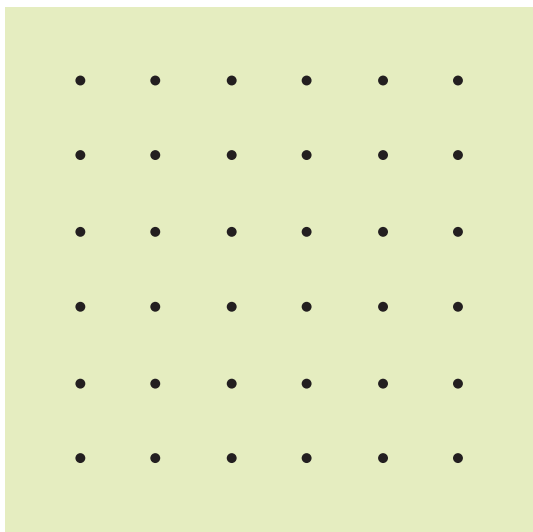
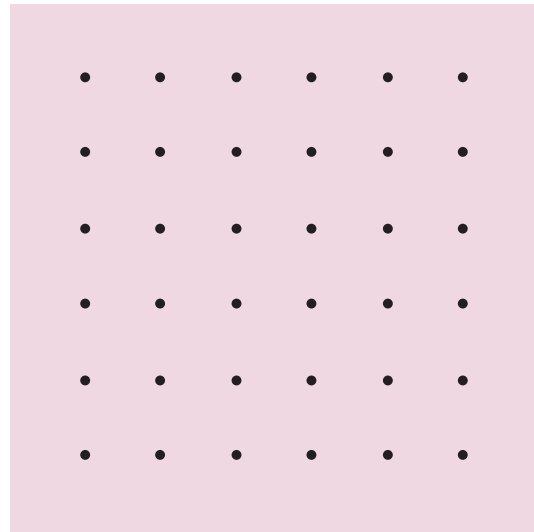
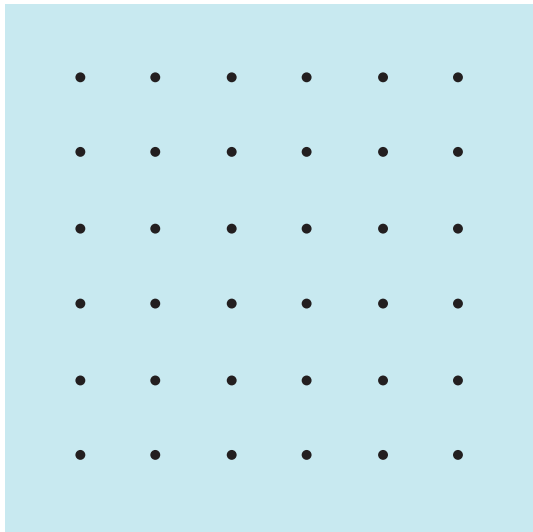
3 in.



4 in.

Shape Creator

Each neighboring pair of dots is 1 centimeter (cm) apart. DRAW four different shapes that all have a perimeter of 24 centimeters.

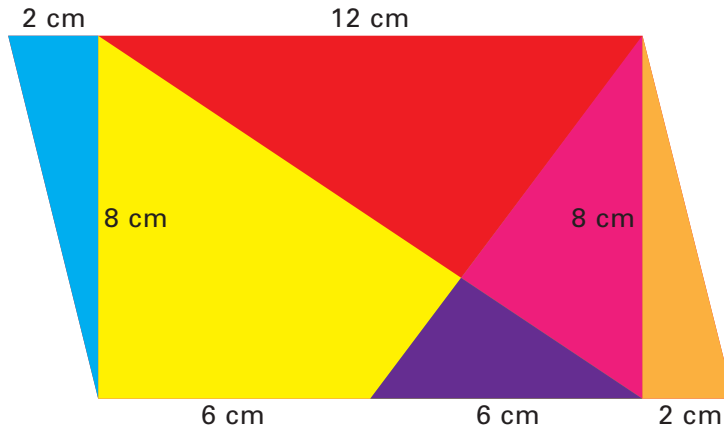




Hidden Shapes

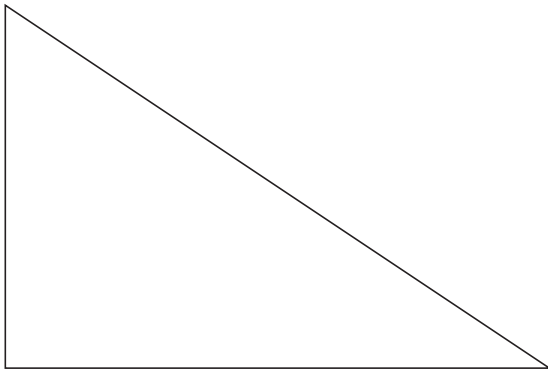
Area is the size of the surface of a shape. **FIND** each shape hidden in the picture. **WRITE** the area of each shape.

HINT: You may need to add together line segment lengths when calculating area.

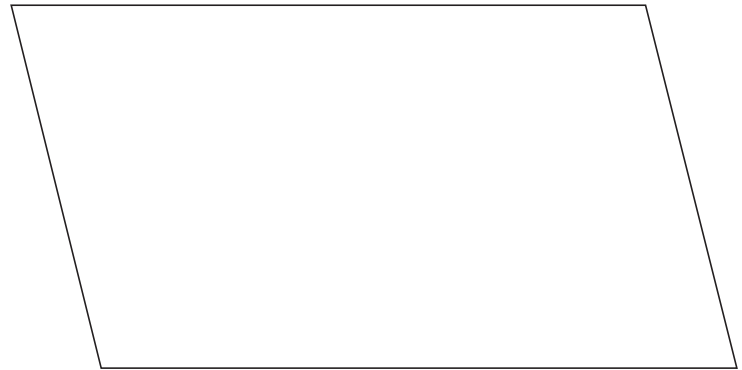


For a rectangle or parallelogram,
Area = base \times height

For a triangle,
Area = $\frac{1}{2} \times$ base \times height



_____ sq cm
1



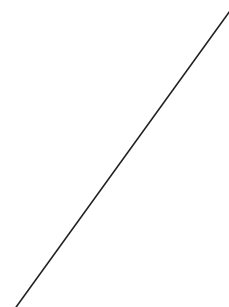
_____ sq cm
2



_____ sq cm
3



_____ sq cm
4

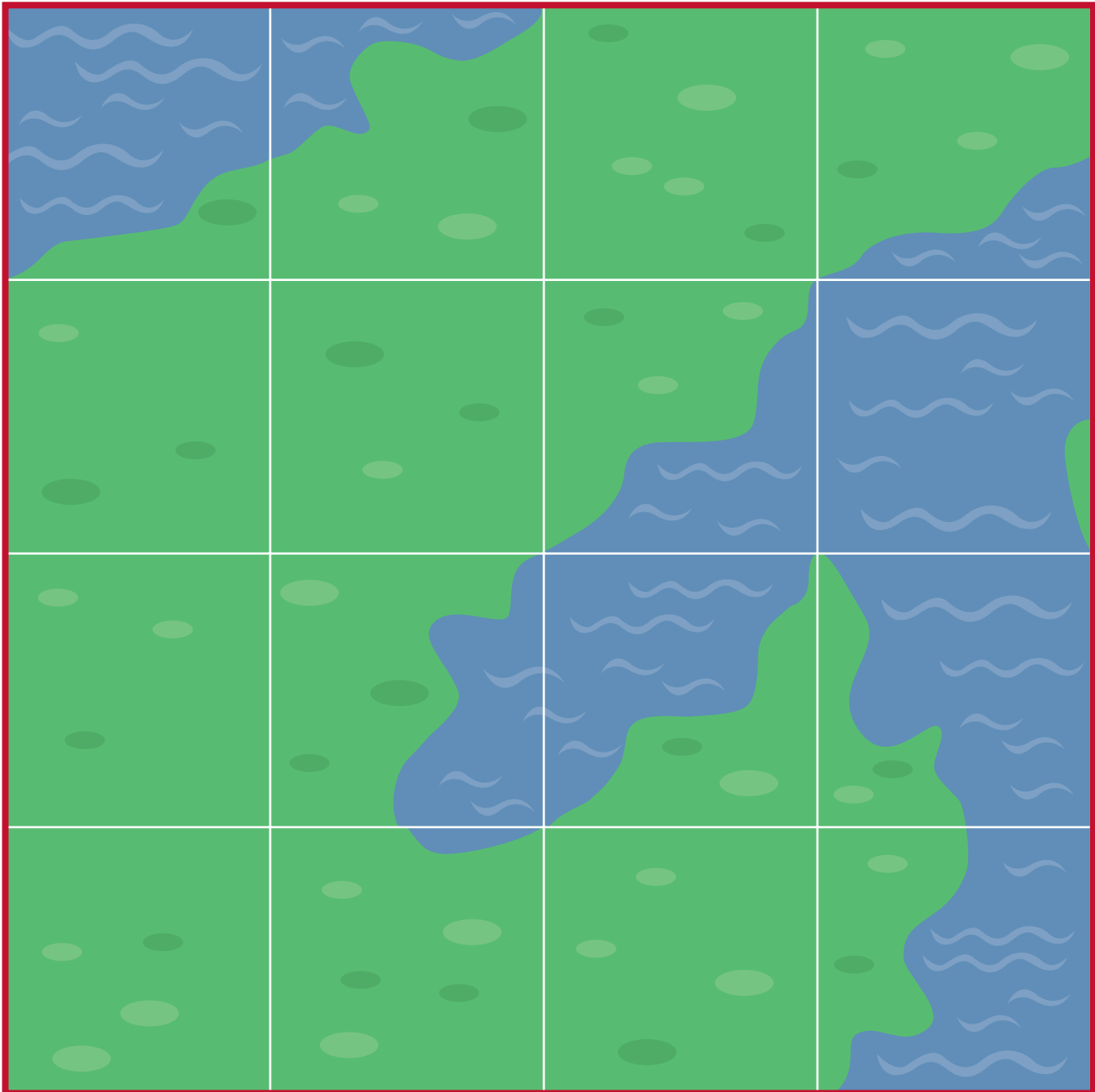


_____ sq cm
5

Land and Lakes

WRITE the fraction of the area that is land and the fraction of the area that is lake.

HINT: Use the small squares to help you. Look for squares that are the converse of one another.



_____ land

_____ lake