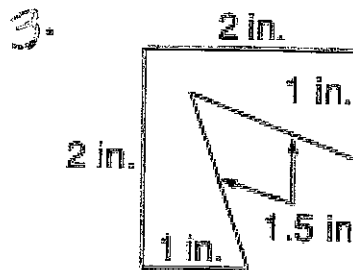
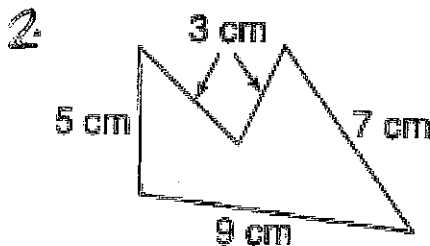
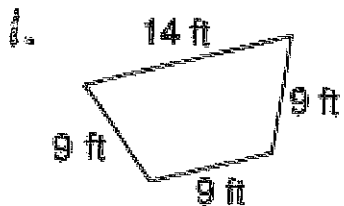


**9-7 Perimeter**

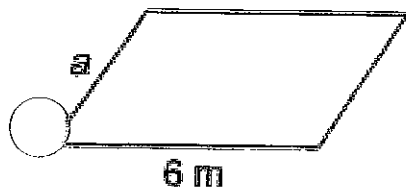
Find the perimeter of each figure.



**9-7 Perimeter (continued)**

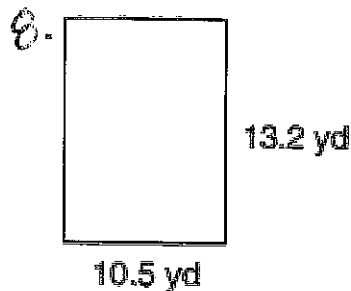
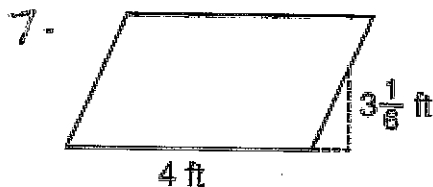
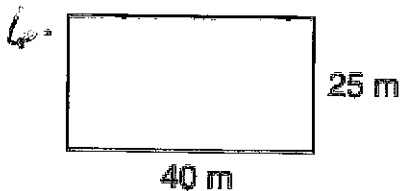
Find each unknown measure.

4. The perimeter of the parallelogram equals 20 m. What is the length of side  $a$ ?

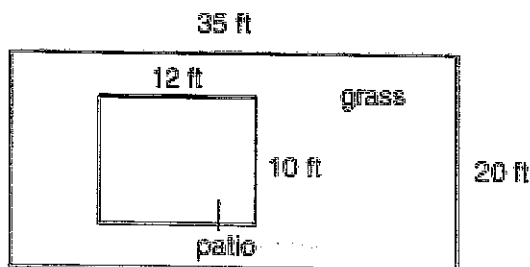


5. The length of a rectangle is 18 ft. What is the perimeter of the rectangle if the length is equal to 3 times the width?

Find the area of each figure.



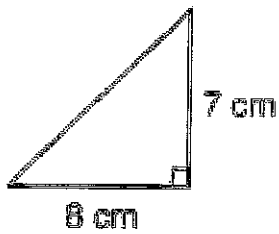
9. Greg has built a rectangular patio in his backyard. The rest of the backyard is covered in grass. What is the area of the backyard that is covered in grass?



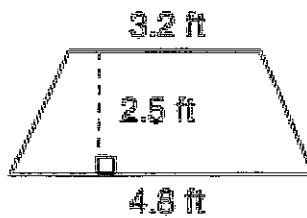
### 10-2 Area of Triangles and Trapezoids

Find the area of each figure.

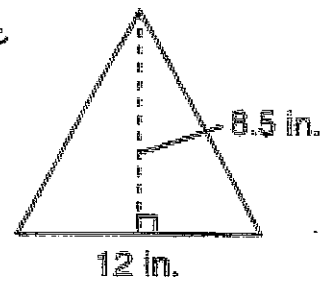
10.



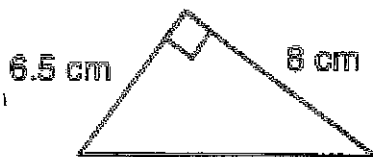
11.



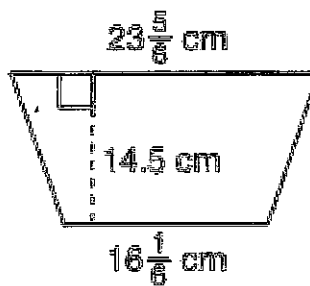
12.



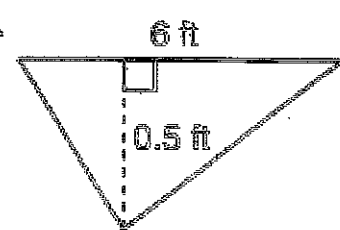
13.



14.

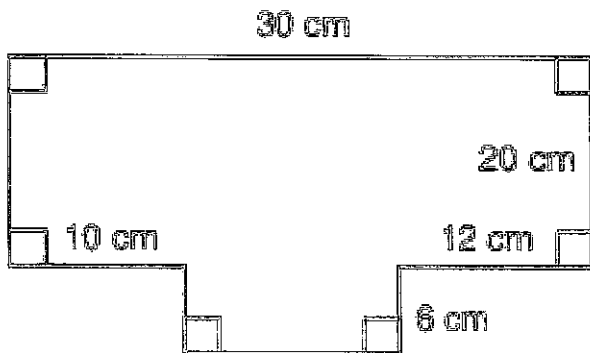


15.

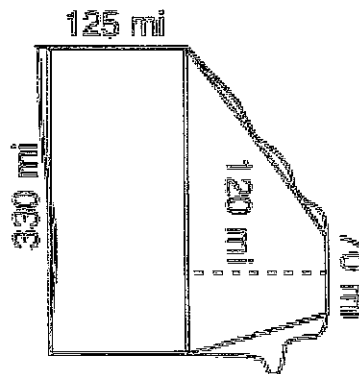


### 10-3 Area of Composite Figures

16. Find the area of the polygon.



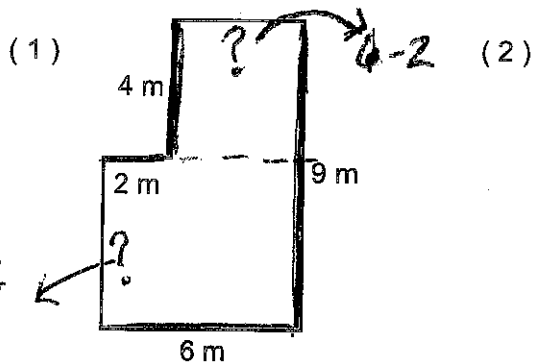
17. Estimate the area of the state of Georgia.



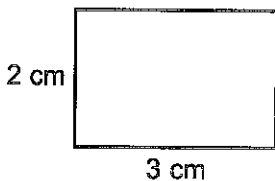
# Calculating Area & Perimeter

Name: \_\_\_\_\_ Date: \_\_\_\_\_

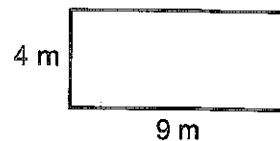
Calculate the area and perimeter of each shape. *Show all work*



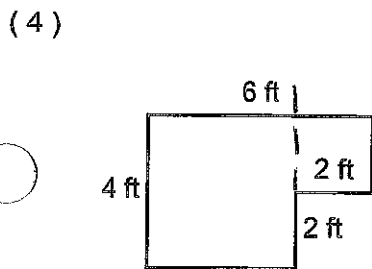
Perimeter: \_\_\_\_\_  
Area:  $6 + 9 + 4 + 2 + 4 + 5$



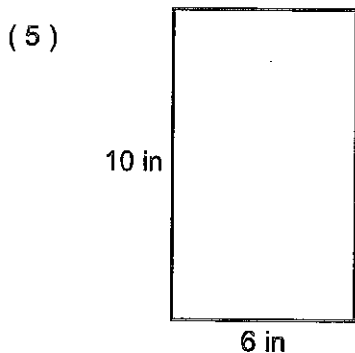
Perimeter: \_\_\_\_\_  
Area: \_\_\_\_\_



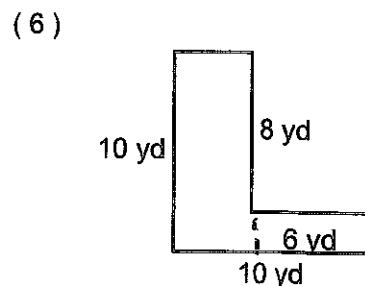
Perimeter: \_\_\_\_\_  
Area: \_\_\_\_\_



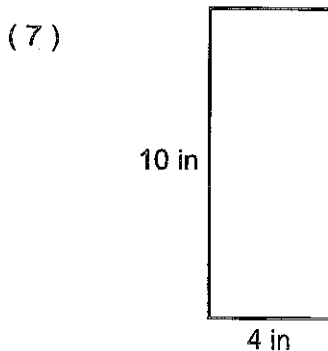
Perimeter: \_\_\_\_\_  
Area: \_\_\_\_\_



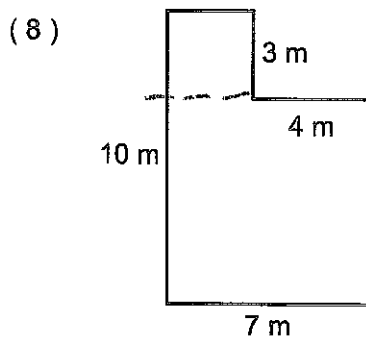
Perimeter: \_\_\_\_\_  
Area: \_\_\_\_\_



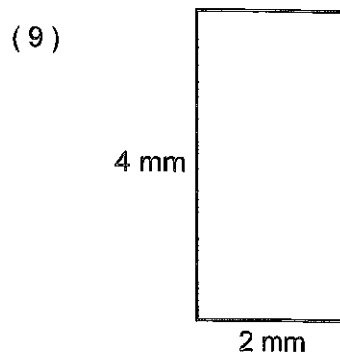
Perimeter: \_\_\_\_\_  
Area: \_\_\_\_\_



Perimeter: \_\_\_\_\_  
Area: \_\_\_\_\_



Perimeter: \_\_\_\_\_  
Area: \_\_\_\_\_



Perimeter: \_\_\_\_\_  
Area: \_\_\_\_\_

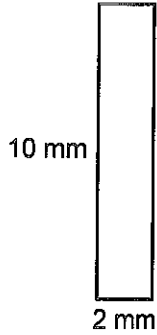
# Calculating Area & Perimeter

Name: \_\_\_\_\_ Date: \_\_\_\_\_



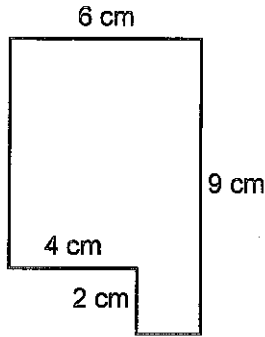
Calculate the area and perimeter of each shape. *Show work.*

(1)



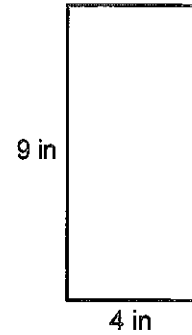
Perimeter:  $10+10+2+2$  \_\_\_\_\_  
Area:  $10 \times 2$  \_\_\_\_\_

(2)



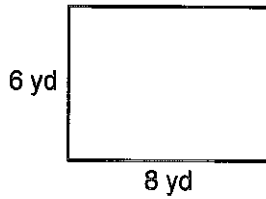
Perimeter: \_\_\_\_\_  
Area: \_\_\_\_\_

(3)



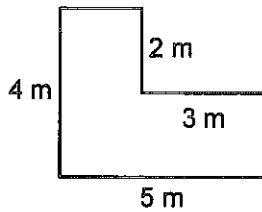
Perimeter: \_\_\_\_\_  
Area: \_\_\_\_\_

(4)



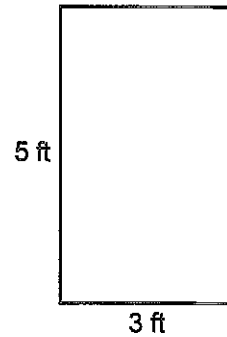
Perimeter: \_\_\_\_\_  
Area: \_\_\_\_\_

(5)



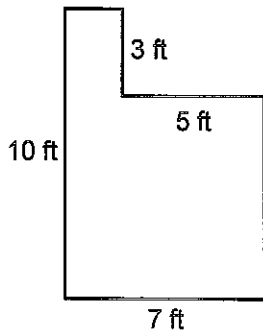
Perimeter: \_\_\_\_\_  
Area: \_\_\_\_\_

(6)



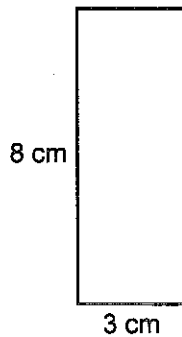
Perimeter: \_\_\_\_\_  
Area: \_\_\_\_\_

(7)



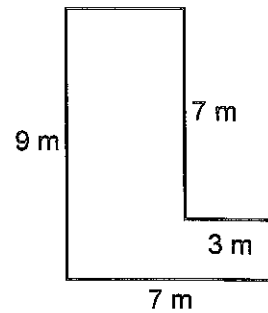
Perimeter: \_\_\_\_\_  
Area: \_\_\_\_\_

(8)



Perimeter: \_\_\_\_\_  
Area: \_\_\_\_\_

(9)

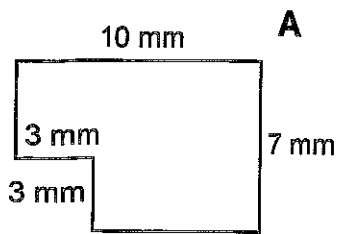


Perimeter: \_\_\_\_\_  
Area: \_\_\_\_\_

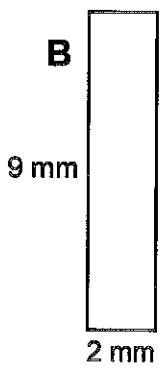
# Questions About Area & Perimeter

Name: \_\_\_\_\_ Date: \_\_\_\_\_

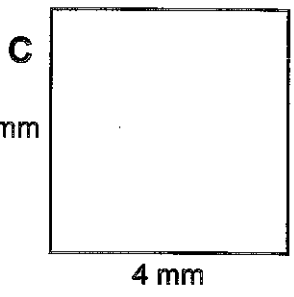
Answer the questions about these six shapes. *Show work.*



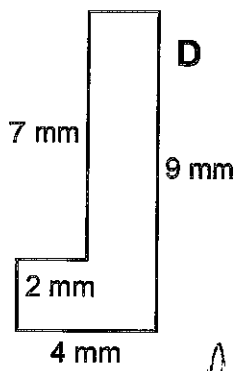
$A =$  \_\_\_\_\_  
 $P =$  \_\_\_\_\_



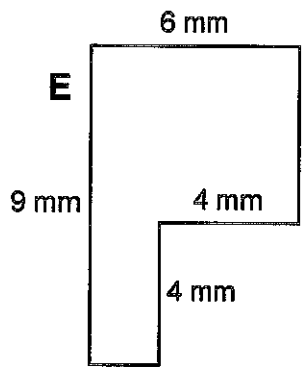
$A =$  \_\_\_\_\_  
 $P =$  \_\_\_\_\_



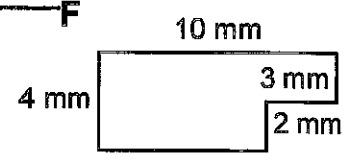
$A =$  \_\_\_\_\_  
 $P =$  \_\_\_\_\_



$A =$  \_\_\_\_\_  
 $P =$  \_\_\_\_\_



$A =$  \_\_\_\_\_  
 $P =$  \_\_\_\_\_



$A =$  \_\_\_\_\_  
 $P =$  \_\_\_\_\_

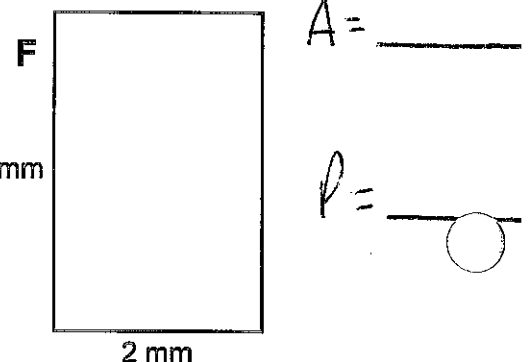
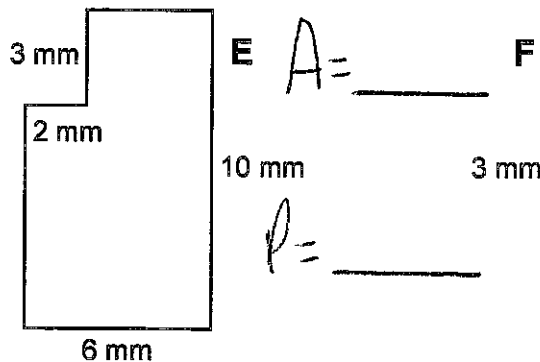
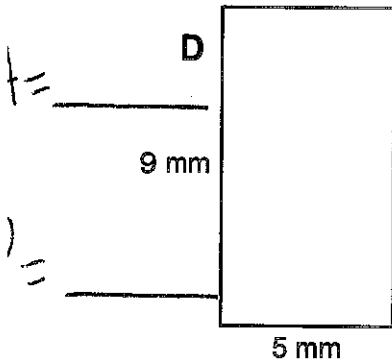
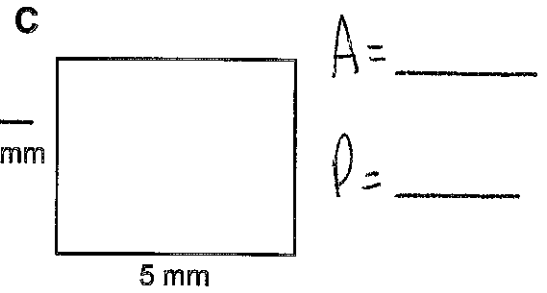
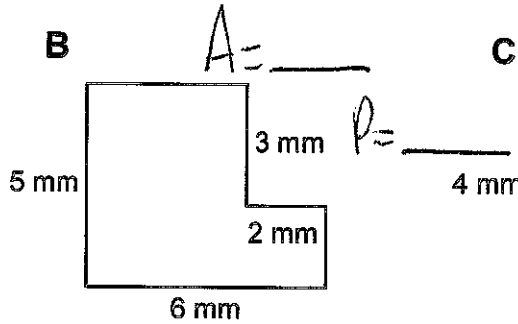
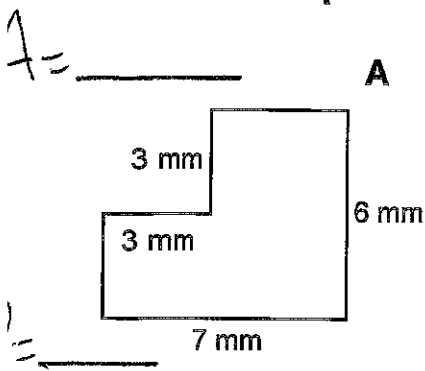
- Which shape has an area  $20 \text{ mm}^2$  less than shape E? \_\_\_\_\_
- How much greater is the area of shape A than shape D? \_\_\_\_\_
- Which shape has a perimeter 6 mm less than shape B? \_\_\_\_\_
- Which shapes have a perimeter greater than the perimeter of shape E? \_\_\_\_\_

- Which shapes have an area greater than the area of shape D? \_\_\_\_\_
- Which shape has an area  $6 \text{ mm}^2$  greater than shape C? \_\_\_\_\_
- How much greater is the perimeter of shape E than shape D? \_\_\_\_\_
- Which shapes have an area less than the area of shape E? \_\_\_\_\_

# Questions About Area & Perimeter

Name: \_\_\_\_\_ Date: \_\_\_\_\_

Answer the questions about these six shapes. *Show work.*



- What are the areas of shape C and shape D combined? \_\_\_\_\_
- How much greater is the area of shape B than shape F? \_\_\_\_\_
- What are the perimeters of shape C and shape F combined? \_\_\_\_\_
- Which shape has an area  $9 \text{ mm}^2$  greater than shape D? \_\_\_\_\_
- How much greater is the perimeter of shape E than shape A? \_\_\_\_\_
- Which shapes have an area less than the area of shape D? \_\_\_\_\_
- Which shape has a perimeter 16 mm greater than shape F? \_\_\_\_\_
- What is the area of shape D? \_\_\_\_\_