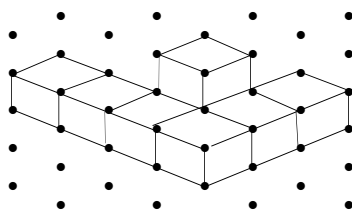
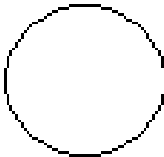
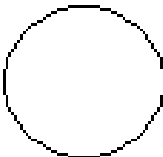
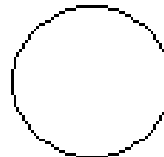
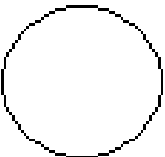


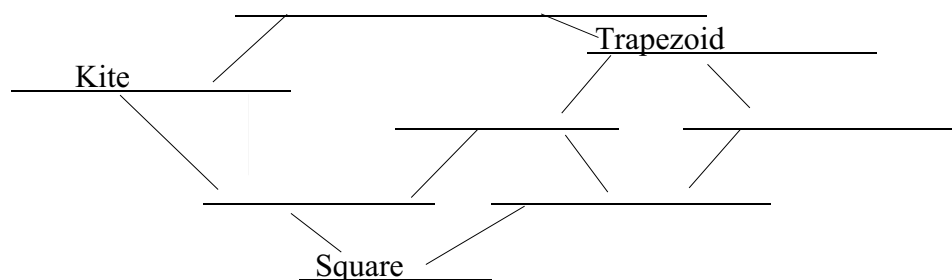
- A1. Find the complement of  $18^\circ 57'$ .  
Find the supplement of  $39^\circ 13' 28''$ .
- A2. If a quadrilateral with area  $14 \text{ cm}^2$  and perimeter  $17 \text{ cm}$  is made 3 times larger...
- What is the scale factor?
  - What is the new area?
  - What is the new perimeter?
- A3. A rectangular pyramid has volume  $24 \text{ cm}^3$ . It is decreased in size by a scale factor of  $0.5$ . What will be the volume of the smaller pyramid?

- A4. a. What is the volume of the figure?  
b. Carefully draw a top view.



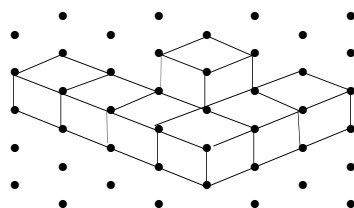
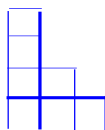
- A5. a.  b.  c.  d. 
- Shade in a sector.    Shade in a segment.    Draw a central angle.    Draw an inscribed angle.

- A6. For each, give a value that fits the expression.
- 75% as long as  $24 \text{ cm}$ .
  - 125% more than  $24 \text{ cm}$ .
- A7. Put the following in the blanks below to show the relationships among the terms: isosceles trapezoid, parallelogram, quadrilateral, rectangle, rhombus.



- A1. The complement of  $18^\circ 57'$  is  $71^\circ 3'$ .  
The supplement of  $39^\circ 13' 28''$  is  $140^\circ 46' 32''$ .
- A2. If a quadrilateral with area  $14 \text{ cm}^2$  and perimeter  $17 \text{ cm}$  is made 3 times larger...  
a. The scale factor is  $3$ .  
b. The new area is  $9 \cdot 14 \text{ cm}^2$ , or  $126 \text{ cm}^2$ .  
c. The new perimeter is  $3 \cdot 17 \text{ cm}$ .
- A3. A rectangular pyramid has volume  $24 \text{ cm}^3$ . It is decreased in size by a scale factor of  $0.5$ .  
The volume of the smaller pyramid is  $3 \text{ cm}^3$ .

- A4. a. The volume of the figure is  $8 \text{ u}^3$ .  
b. Top view.



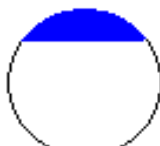
A5.

a.

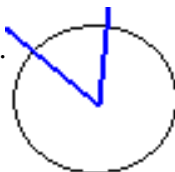


Shade in a sector.

b.

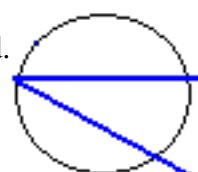
Shade in a segment.  
??Maybe they mean  
a Circular Segment

c.



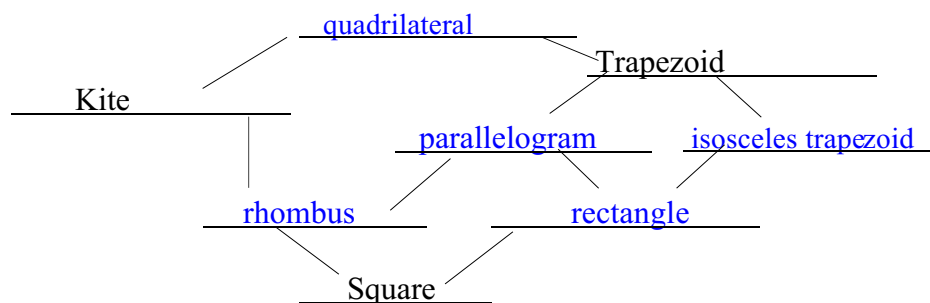
Draw a central angle. Draw an inscribed angle.

d.



- A6. For each, give a value that fits the expression.  
a. 75% as long as  $24 \text{ cm} = 18 \text{ cm}$   
b. 125% more than  $24 \text{ cm} = 54 \text{ cm}$

- A7. Put the following in the blanks below to show the relationships among the terms:  
isosceles trapezoid, parallelogram, quadrilateral, rectangle, rhombus.



NOTE: THERE IS AN ERROR PAGE TACKED ONTO THE END OF THE SAMPLE FINAL.  
WHEN YOU ARE CHECKING YOUR ANSWERS, BE SURE TO CHECK THAT LIST!