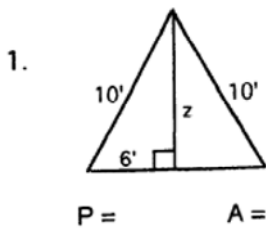
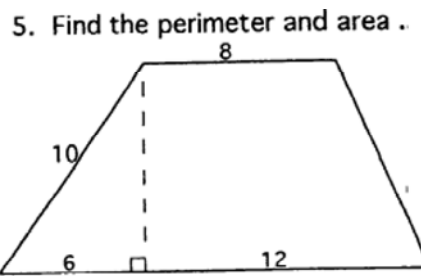
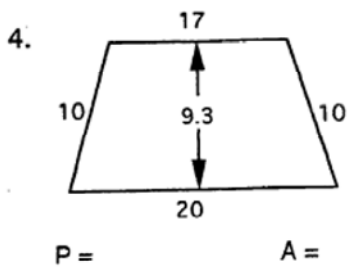


Review #2



2. Find the length of the diagonal of a 5 by 13 cm rectangle.

3. Make a sketch. If you go 5 miles north, then 4 miles east, then 3 miles south, what is your distance from the starting point (as the crow flies)?



6. Find the radius of a circle if:  
 a)  $C = 20\pi$  cm      b)  $C = 100$  cm

7. Find the radius of a circle if:  
 a)  $A = 36\pi$  sq. cm      b)  $A = 100$  sq. cm

8. A goat is tied to the outside corner of a square barn, 30' by 30'. The rope is 50' long. Find the area where the goat can graze. (Assume there are no fences and the barn doors and windows are closed.) Make a sketch.