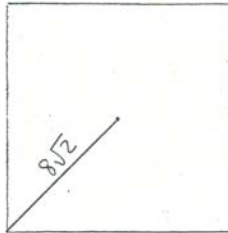
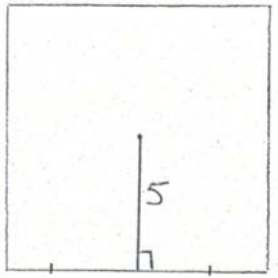


Remember,  $A = \frac{1}{2}ap$  [ $a$  is the apothem and  $p$  is the perimeter]!

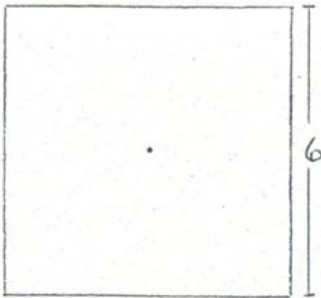
1. Find the area of a square with a radius of  $8\sqrt{2}$ . **256**



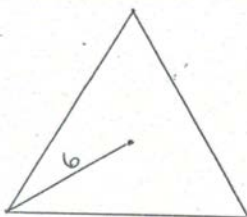
2. Find the area of a square with apothem length of 5. **100**



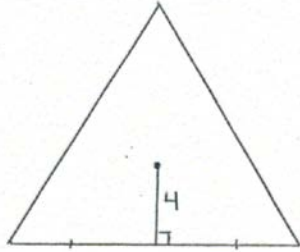
3. Find the radius of a square with a side length of 6.  **$3\sqrt{2}$**



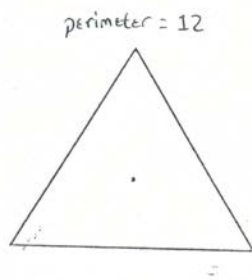
4. Find the area of an equilateral triangle with a radius of 6.  **$27\sqrt{3}$**



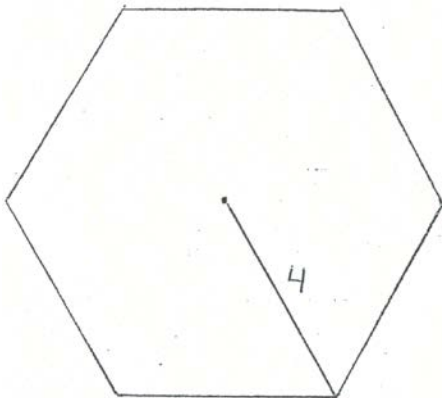
5. Find the area of an equilateral triangle with apothem length of 4.  $48\sqrt{3}$



6. Find the area of an equilateral triangle with a perimeter of 12.  $4\sqrt{3}$



7. Find the area of a regular hexagon with a radius of 4.  $24\sqrt{3}$



8. Find the area of a regular hexagon with apothem length of  $5\sqrt{3}$ .  $150\sqrt{3}$

