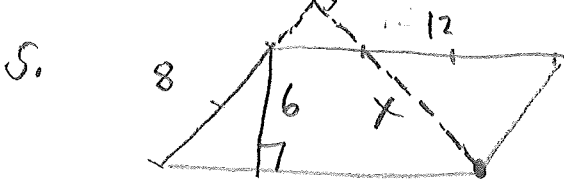


1.  $P = 32$   $s = \frac{32}{4} = 8$   $A = s^2$   $A = 64$

3.  $A = s^2$   $A = (3\sqrt{2} \text{ cm})^2$   $A = 18 \text{ cm}^2$



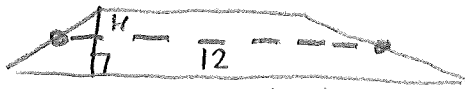
$A = 6 \cdot 12 = 72$

or  
 $A = 8x$

$8x = 72$

$x = 9$

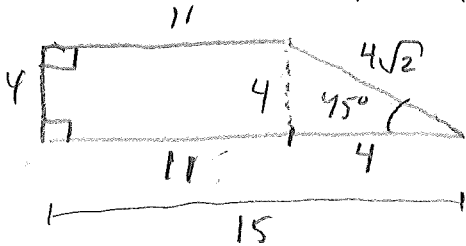
7.



$A = \text{MEDIAN} \cdot \text{H} = 16 \cdot 7$

$84 = 12H$   $H = \frac{84}{12}$   $H = 7$

9.



$A = \frac{11+15}{2} \cdot H$

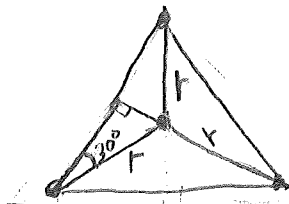
$A = 13 \cdot 4$

$A = 52$

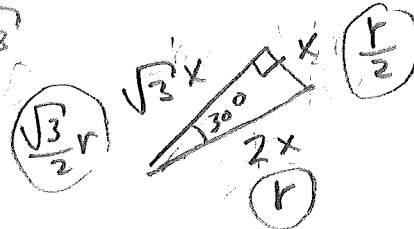
$P = 11 + 4 + 15 + 4\sqrt{2}$

$P = 30 + 4\sqrt{2}$

11.



$r = 2\sqrt{3}$



$H = r + \frac{r}{2} = \frac{3r}{2} = 3\sqrt{3}$

$b = 2\left(\frac{\sqrt{3}}{2}r\right) = \sqrt{3}r = 6$

$A = \frac{1}{2}b \cdot H = \frac{1}{2}(6)(3\sqrt{3}) = 9\sqrt{3}$

$A = 9\sqrt{3}$

13.

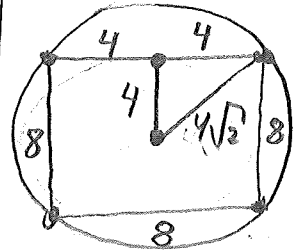
$C = 2\pi r = 2\pi(30) = 60\pi \approx 60 \cdot 3.14$

$C \approx 188.4$  (188.50)

$A = \pi r^2 = \pi(30)^2 = 900\pi \approx 900 \cdot 3.14$

$A \approx 2826$  (2827.4)

15.



$4^2 + 4^2 = R^2$   
 $32 = R^2$

$A = \pi R^2$

$A = 32\pi$

$A \approx 100.5$

$C = 2\pi R$

$C = 2\pi\sqrt{32}$

$C = 8\sqrt{2}\pi$

$C \approx 35.54$

15.

See above right.