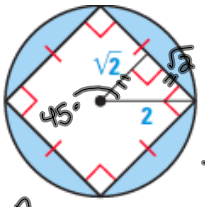
No Bellwork
05/01/2012

Review 11.7



$\frac{360}{4} = \frac{90}{2} = 45°$

$S = 2\sqrt{2}$

$\times 4$

$P = 8\sqrt{2}$

$A_T = r^2\pi$
$= 2^2\pi$
$= 4\pi$

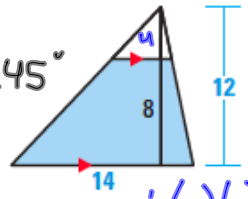
$A_\square = \frac{1}{2}(\sqrt{2})(8\sqrt{2})$
$= 8$

$A_S = 4\pi - 8$

$\frac{4\pi - 8}{4\pi}$

$\frac{\pi - 2}{\pi}$

36.34%



$A_T = \frac{1}{2}(14)(12)$
$= 84$

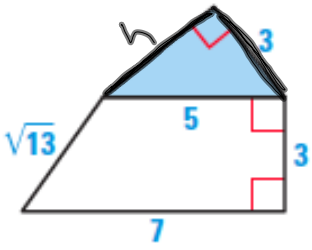
$A = \frac{1}{2}h(b_1 + b_2)$

$\frac{4}{12} = \frac{x}{14}$ $12x = 56$
$x = 4\frac{2}{3}$

$A_S = \frac{1}{2}(8)(14 + 4\frac{2}{3})$

$A_S = 74.4$

$\frac{74.4}{84} = 88.57\%$



$A = \frac{1}{2}bh$

$5^2 = 3^2 + h^2$

$25 = 9 + h^2$

$h^2 = 16$

$h = 4$

$A_\triangle = \frac{1}{2}(3)(4)$

$A_\triangle = 6$

$A_t = \frac{1}{2}h(b_1 + b_2)$
$= \frac{1}{2}(3)(5 + 7)$
$= \frac{1}{2}(36)$
$= 18$

$A_T = 18 + 6 = 24$

$\frac{6}{24} = \frac{1}{4}$ 25%

Homework Assignment

Worksheet 11.7B