1) $\sqrt{\frac{27}{147}} = \frac{\sqrt{27}}{\sqrt{147}} = \frac{\sqrt{9}\sqrt{3}}{\sqrt{49}\sqrt{3}} = \frac{3\sqrt{3}}{7\sqrt{3}}$

$= \frac{3}{7}$

2) $x^2 - 4x + 4 = 0$

Find the vertex.

$a = 1, b = -4, c = 4$

$x = \frac{-b}{2a}$

$x = \frac{4}{2(1)} = \frac{4}{2}$

$x = 2$

$y = (2)^2 - 4(2) + 4$

$= 4 - 8 + 4$

$y = 0$

vertex $(2, 0)$

Homework Questions?

Ch.9 Review

p.565 #1-21, 26-28

#1-8 answers can have $\sqrt{}$ (No Decimal)

$\sqrt{25} \rightarrow \sqrt{\frac{1}{4}}$

.376 →

2nd F ↔