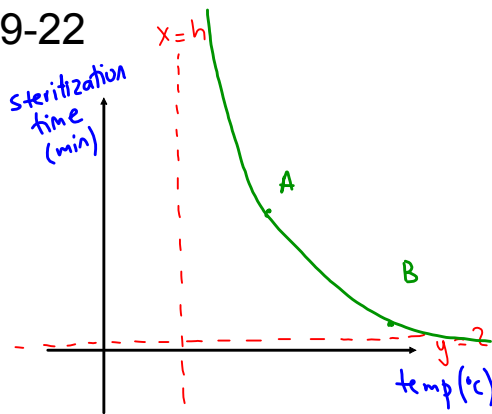


p.72 #17,19-22

p.71

#16. A(121, 15)  
B(134, 3)

$$y = \frac{a}{x-h} + 2$$



$$15 = \frac{a}{121-h} + 2 \quad (1)$$

$$3 = \frac{a}{134-h} + 2 \quad (2)$$

$$13 = \frac{a}{121-h}$$

$$1 = \frac{a}{134-h}$$

$$13(121-h) = a$$

$$1(134-h) = a$$

$$1573 - 13h = a$$

$$134 - h = a$$

$$1573 - 13h = 134 - h$$

$$1439 = 12h$$

$$\frac{1439}{12} = h$$

$$a = 134 - \frac{1439}{12} = \frac{169}{12}$$

$$y = \frac{\frac{169}{12}}{x - \frac{1439}{12}} + 2$$

$$= \frac{169}{12(x - \frac{1439}{12})} + 2$$

$$= \frac{169}{12x - 1439} + 2$$