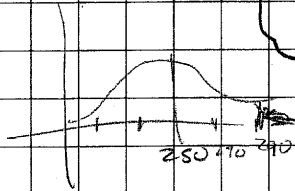
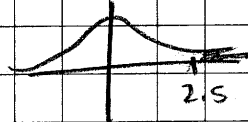


47) $m = 250$
 $\sigma = 20$



$P(x \geq 300)$

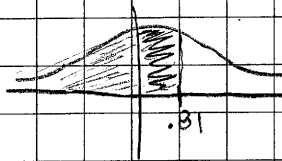
$P\left(\frac{300 - 250}{20}\right)$



$P(2.5) = .4938$

$.5 - .4938 \approx .0062$ or $.6\%$

49) $m = 38.6$
 $\sigma = 1.729$



$P(x \leq 40)$

$\frac{40 - 38.6}{1.729} = .81$

$\frac{0 - 38.6}{1.729}$

$P(.81) = .2910 + .5 = .791$

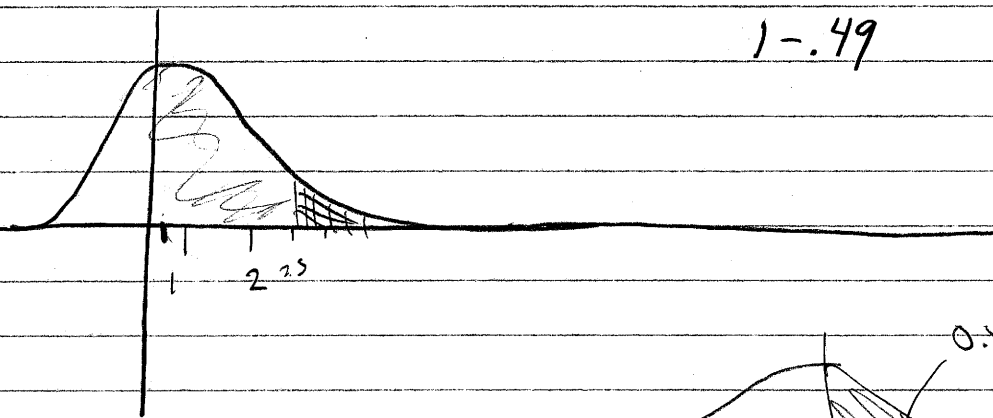
pg 512 47, 49 51, 53

Mitch Tiara Emily

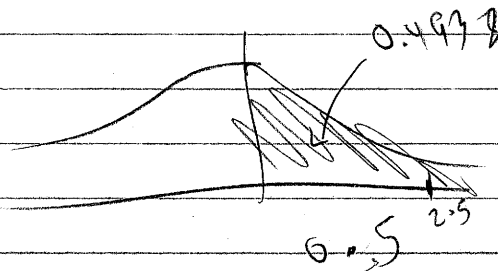
A 47 mean = 250
dev = 20

$$x \geq 300$$

$$\frac{300-250}{20} = \frac{50}{20} = 2.5 \quad .4938 \div$$



$$1 - .49$$



$$.5 - .4938 = .0062$$

$$.0062$$

49

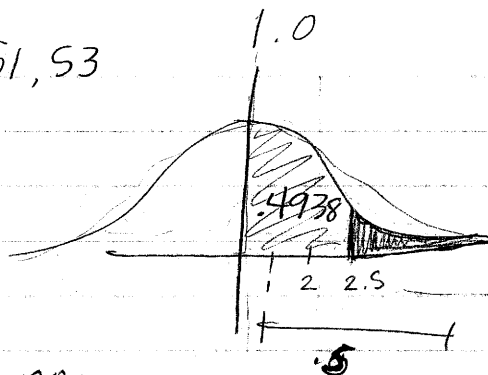
Ian
&
Maggie

Homework pg. 512 47, 49, 51, 53

47.) $\mu = 250$ $\sigma = 20$ $X \geq 300$

$$\frac{300 - 250}{20} = 2.5 \approx 0.4938$$

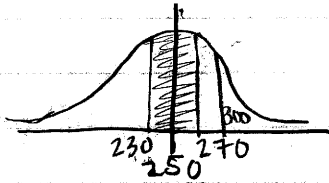
$$.5 - .4938 = .0062$$
$$= 0.62\%$$



pg. 512 #47, 49, 51, 53

Garret, Steph

47.



$$\mu = 250$$

$$\sigma = 20$$

$$\frac{300 - 250}{20} = \frac{50}{20} = 2.5$$

$$= .4938$$

$$= 0.62\%$$

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