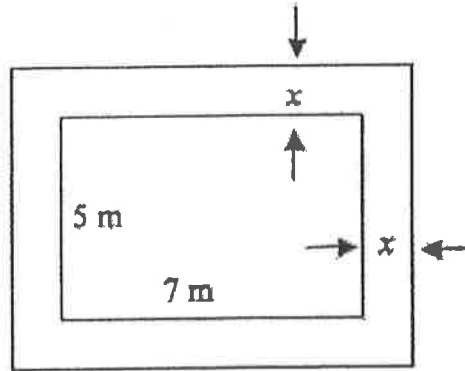Name:_____ Per. _____

1. A rectangular pond 5 meters by 7 meters is going to be built. The builders want the pond to be surrounded by a walkway x meters wide.

The area of the concrete walkway (not including the pond) is to be $115\ m^2$. Calculate the value of the width of the concrete to make this happen. show your process.

2. Abraham brags, "*My cell phone plan is the best! I pay just $25 per month, and then $.10 per minute.*" Abbott quickly counters, "*Well my cell phone plan is even better! I only pay $20 per month and then $.12 per minute.*" What do you think: who has the better cell phone plan? Explain completely.

Rest of the Assignment

Do the following problems on separate paper and staple to this sheet, *with this worksheet on top*.

from the textbook 4.... 48, 52-53