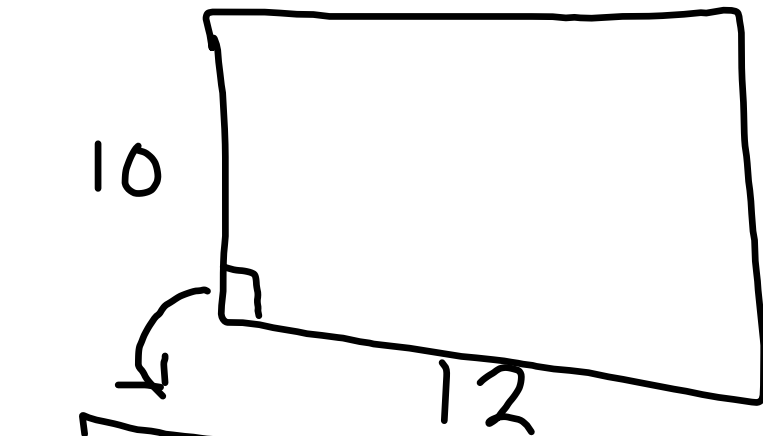


Bellringer:

Discuss one interesting thing you did over spring break.

Sec. 8.2 Area of Rectangles

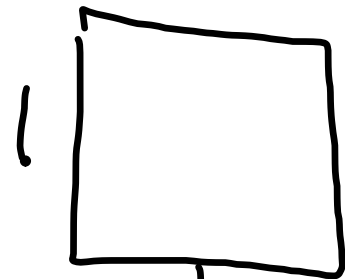
4/16



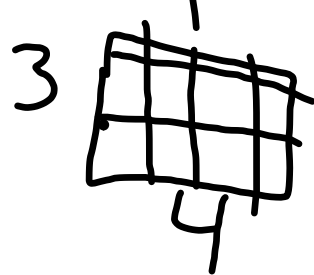
Area - ^{space} Stuff inside lines or Rectangle

$$A_R = B \times H$$

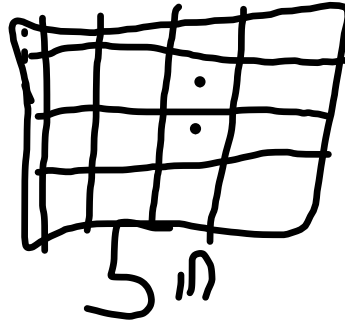
B = Base
H = Height



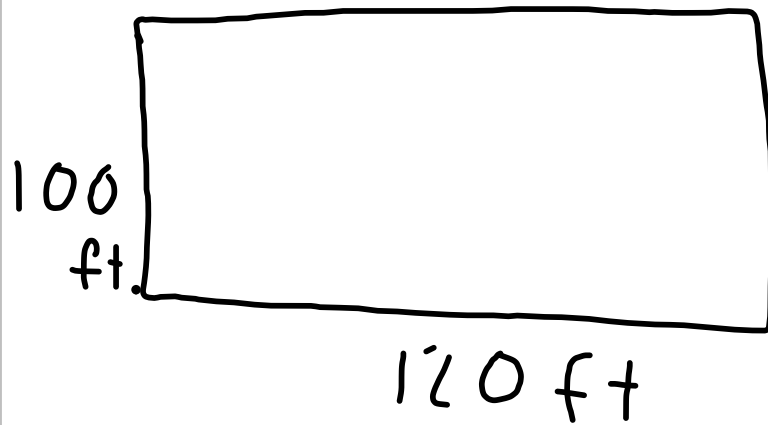
= 1 square foot



3 = 12 ft²



= 20 in²




$$A_R = B \times H$$

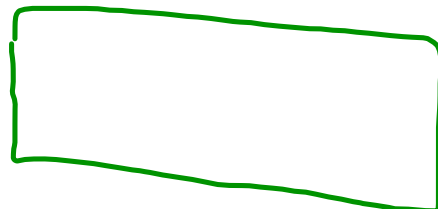
$$A_R = 120 \times 100 = 12,000 \text{ ft}^2$$



$$A_R = \text{Base} \times \text{Height}$$

$$A_R = 40 \times 25 = 1000 \text{ in}^2$$

10 in  = $A_R = B \times H$
 $= 60 \times 10 = 600 \text{ in}^2$

30  $A_R = B \times H$
 $A_R = 100 \times 30 = 3000 \text{ in}^2$
 100

Swimming pools
 kitchen tiles
 Billboard
 Bed
 watch box (thunderstorm)

Roof window
 football

Hw. pg. ^{Exp.} 1, 6,
249 writ. 5, 9, 11