

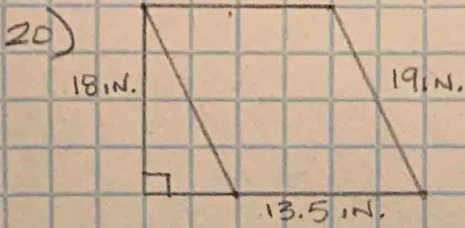
SECTION 7.1 (GREEN)

20, 21, 22, 24, 26, 28

BEN WILSON

PER 3

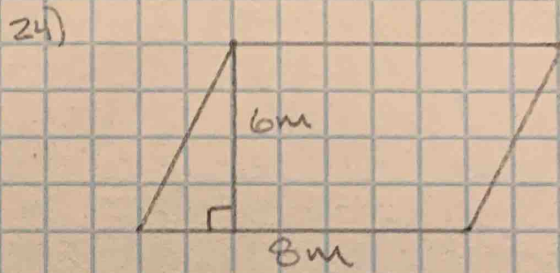
4/25/20



$$A = bh$$

$$A = (13.5 \text{ in.})(18 \text{ in.})$$

$$A = 243 \text{ in}^2$$



$$A = bh$$

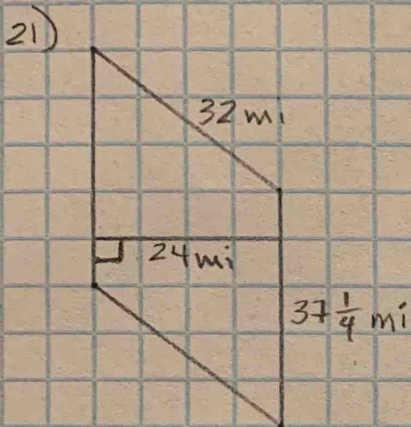
$$A = (8 \text{ m})(6 \text{ m})$$

$$A = 48 \text{ m}^2$$

$$1 \text{ m} = 100 \text{ cm}$$

$$\frac{48 \text{ m}^2}{1} \times \frac{100 \text{ cm}}{1 \text{ m}} \times \frac{100 \text{ cm}}{1 \text{ m}} =$$

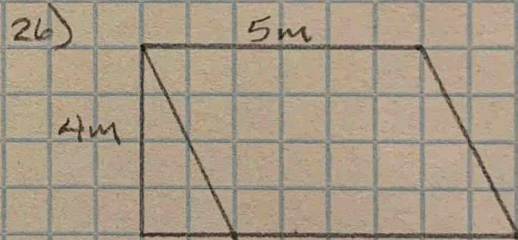
$$\text{AREA} = 480,000 \text{ cm}^2$$



$$A = bh$$

$$A = (37.25 \text{ mi})(24 \text{ mi})$$

$$A = 894 \text{ mi}^2$$



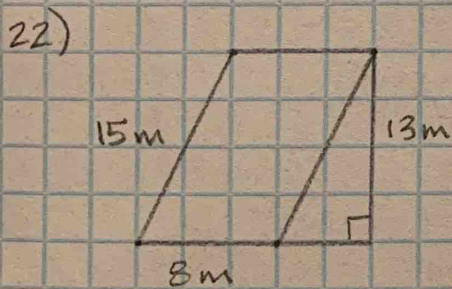
$$A = bh$$

$$A = (5 \text{ m})(4 \text{ m})$$

$$A = 20 \text{ m}^2$$

$$\frac{20 \text{ m}^2}{1} \times \frac{3.281 \text{ ft}}{1 \text{ m}} \times \frac{3.281 \text{ ft}}{1 \text{ m}} =$$

$$\text{AREA} = 207.11 \text{ ft}^2$$



$$A = 8(15) = 120 \text{ m}^2$$

MY FRIEND IS INCORRECT.
MY FRIEND USED THE SLANT
HEIGHT INSTEAD OF THE
PERPENDICULAR HEIGHT.

$$A = bh$$

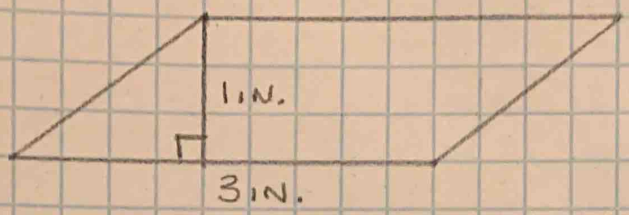
$$A = (8 \text{ m})(13 \text{ m})$$

$$A = 104 \text{ m}^2$$

THE ANSWER SHOULD BE
104 m².

#28

28)



$$A = bh$$
$$A = (3 \text{ in})(1 \text{ in})$$
$$A = 3 \text{ in}^2$$

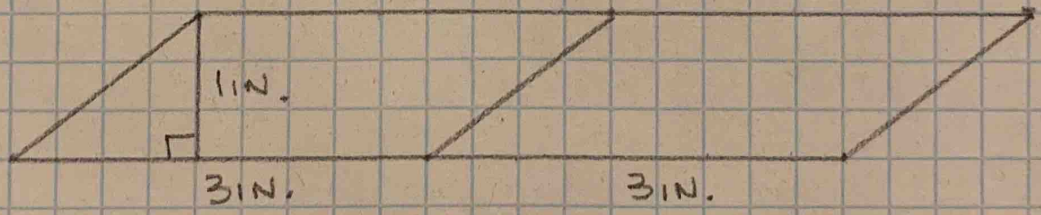
AREA OF THE SPONGE \times # OF TIMES THE SPONGE WAS USED = TOTAL AREA OF THE DESIGN

LET t = # OF TIMES THE SPONGE WAS USED

$$\frac{3 \text{ in}^2}{3 \text{ in}^2} \times t = \frac{66 \text{ in}^2}{3 \text{ in}^2}$$

$$t = 22$$

THE SPONGE WAS USED 22 TIMES.



THE SPONGE IS USED TWICE FOR EACH "ARM" OF THE DESIGN. THE DESIGN HAS 11 "ARMS" $11 \times 2 = 22$ USES OF THE SPONGE.