Thurs. 1/21

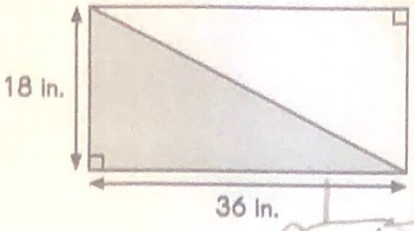
LOZ -1 15/16

Name: _____ Date: 1-21-2021

Lesson 6.3 Finding the Area of a Triangle

Find the area of each shaded triangle.

1.



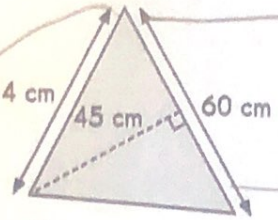
$\frac{18 \times 36}{2}$

$\begin{array}{r} 4 \\ 36 \\ \times\ 18 \\ \hline 288 \\ +360 \\ \hline 648 \end{array}$

$2\overline{)648}$ 324

324 in.²

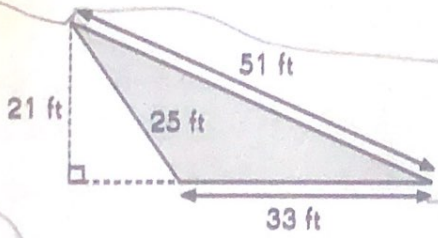
2.



$a = \frac{60 \times 45}{2}$

$60 \times 45 = 2{,}700 \div 2 =$ 1,350 cm.²

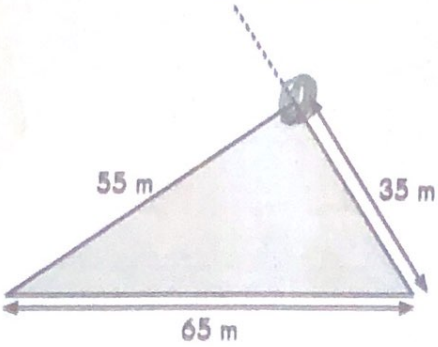
3.



$a = \frac{33 \times 21}{2}$

$33 \times 21 = 693 \div 2 =$ 346.5 or a $\frac{1}{2}$ ft.²

4.



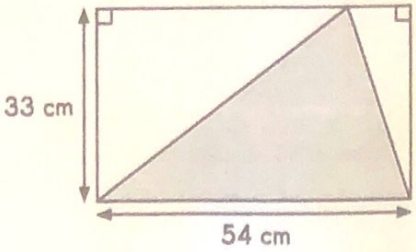
$a = \frac{55 \times 35}{2}$

$55 \times 35 = 1{,}925 \div 2 =$ 962.5 or a $\frac{1}{2}$ m.²

Name: LO2 Date: 1-21-2021

Find the area of each shaded triangle.

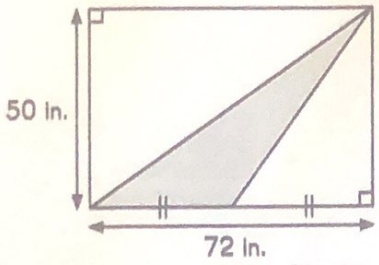
5.



$a = \frac{33 \times 54}{2}$

$33 \times 54 = 1,782 \div 2 = 891 \text{ cm}^2$

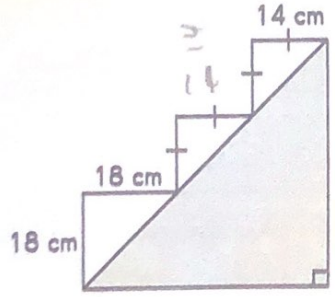
6.



$a = \frac{50 \times 72}{2}$

$50 \times 72 = 3,600 \div 2 = 1,800 \text{ in.}^2$

7.

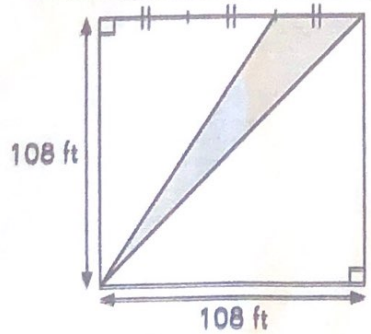


$14 + 14 + 18 = 46$

$a = \frac{46 \times 46}{2}$

$46 \times 46 = 2,116 \div 2 = 1,058 \text{ cm}^2$

8.



$a = \frac{36 \times 108}{2}$

$36 \times 108 = 3,888 \div 2 = 1,944 \text{ ft}^2$

$3 \overline{)108}$ → 36, -9, 18, -18, 0