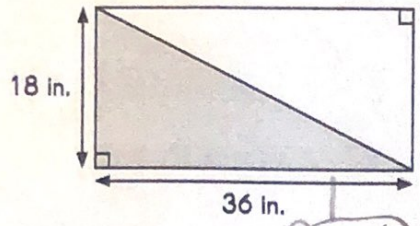
Thurs. 1/21

Name: LO2 Date: 1-21-2021

Lesson 6.3 Finding the Area of a Triangle

Find the area of each shaded triangle.

1.



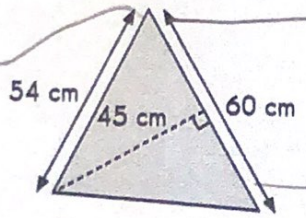
$\frac{18 \times 36}{2}$

$2\overline{)648}$ 324

36 × 18 = 288 + 360 = 648

324

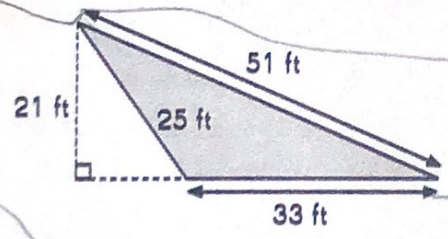
2.



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

60 × 45 = 2,700 ÷ 2 = 1,350

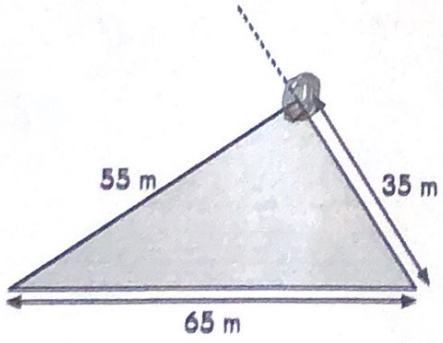
3.



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

33 × 21 = 693 ÷ 2 = 346.5 or a $\frac{1}{2}$

4.



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

55 × 35 = 1,925 ÷ 2 = 962.5 or a $\frac{1}{2}$

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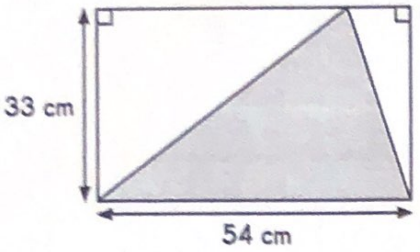
Find the area of each shaded triangle.

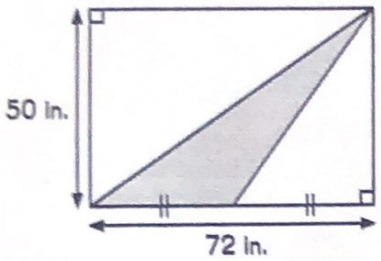
5.



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

$33 \times 54 = 1,782 \div 2 = 891$

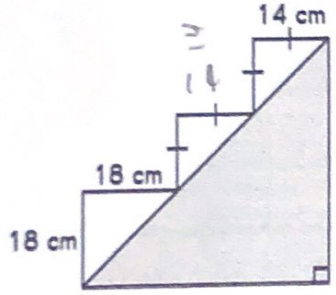
6.



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

$50 \times 72 = 3,600 \div 2 = 1,800$

7.

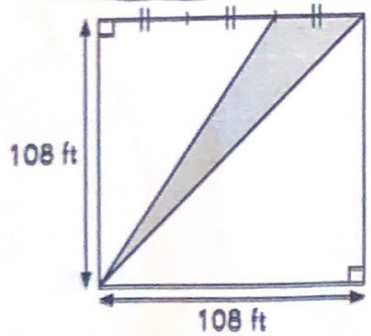


$14 + 14 + 18 = 46$

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

$46 \times 46 = 2,116 \div 2 = 1,058$

8.



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

$36 \times 108 = 3,888 \div 2 = 1,944$

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