

Classwork 22

APRIL 5, 2020

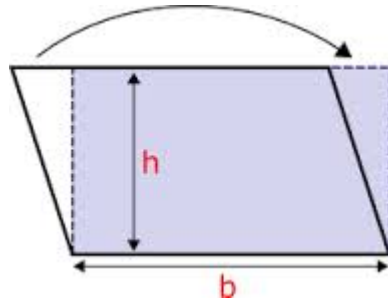
Areas of parallelogram, triangle.

1. Parallelogram.

Area = base x height

$$S = b \cdot h$$

Proof is on the colored drawing.

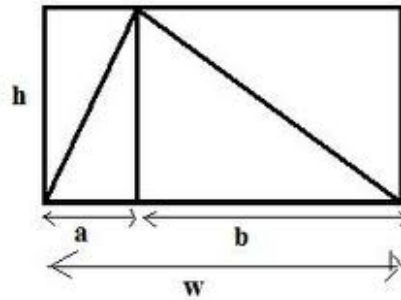


2. Triangle

$$\text{Area} = \frac{1}{2} \text{height} \cdot \text{base}$$

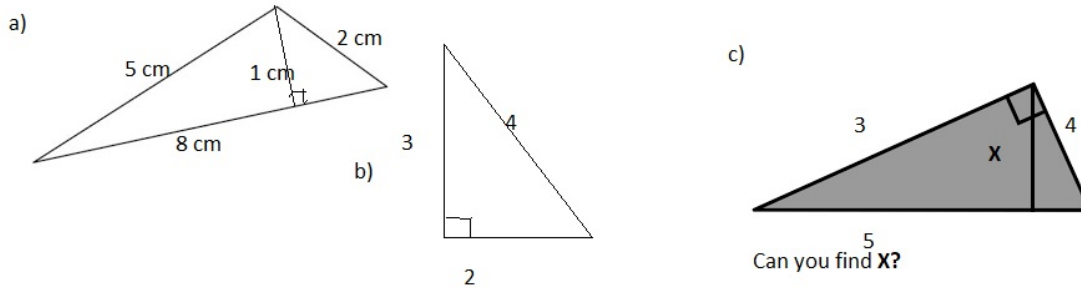
$$S = \frac{1}{2}hw$$

Proof is on the drawing.

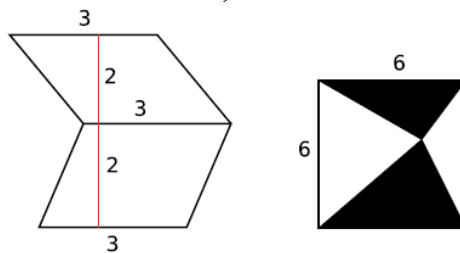


MATH 4: HOMEWORK 22
APRIL 5, 2020

1. Compute the area of the triangles below. If triangle does not exist, **DO NOT** calculate its area, instead write **BOO** and explain what is wrong with it.



2. Compute the area of the figures below. The picture is not to scale, so do not try measuring the lengths - use the numbers given. In the last one, find the area of the shaded part.



3.

Three men drove from their hotel to a tourist resort in Western Australia. Briana drove $\frac{2}{7}$ of the total distance, Andy drove 5 km more than Briana, and Jake drove the last 25 km. What is the total distance they had to drive?

(Hint: Total distance is X, write equation Briana + Andy + Jake = total distance)