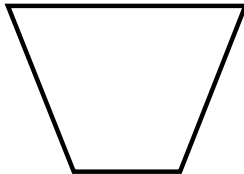
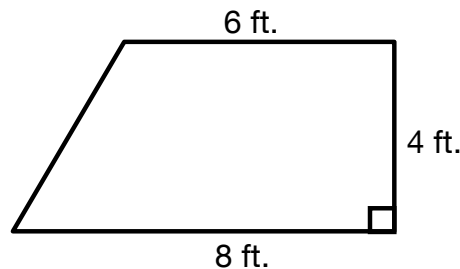


1. Sketch a congruent trapezoid next to the following trapezoid so that the two trapezoids form a parallelogram.



2. The height of the trapezoid equals 4 m, b_1 (base one) equals 2 m, and b_2 (base two) equals 5 m. Label the dimensions of the parallelogram.
3. Determine the area of the parallelogram.
4. Determine the area of one trapezoid.

5. Sketch a congruent trapezoid next to the following trapezoid so that the two trapezoids form a parallelogram.



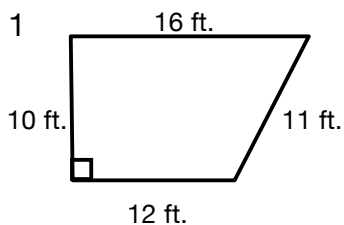
6. Determine the area of the parallelogram.
7. Determine the area of one trapezoid.

The front view of the house in the video has five sections of roof that are shaped like trapezoids. We determined the area of trapezoid 5 in the video.

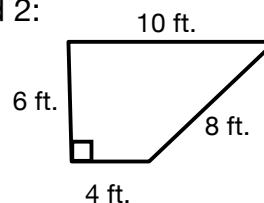


Find the area of the remaining four trapezoids.

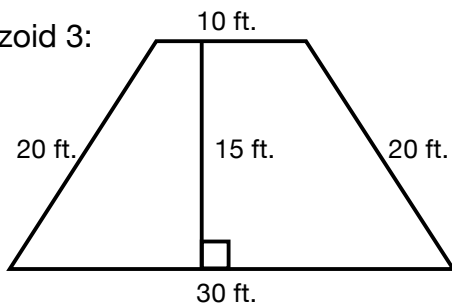
Trapezoid 1



Trapezoid 2:



Trapezoid 3:



Trapezoid 4:

