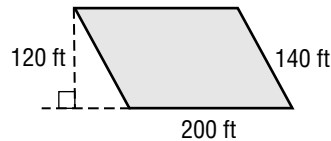
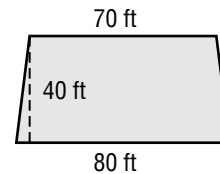


7-1**Practice: Word Problems****Area of Parallelograms, Triangles, and Trapezoids**

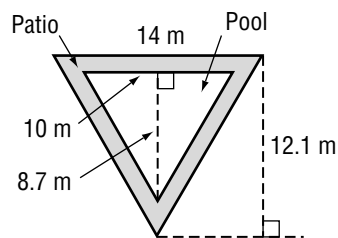
- 1. PARKING** A parking lot is constructed in the shape of a parallelogram. What is the area of the parking lot?



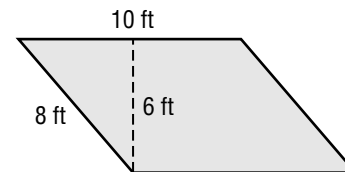
- 2. DANCE FLOOR** For a school dance, a section of the gymnasium has been designated as the dance floor. Ms. Picciuto needs to determine the area of the dance floor so she will know how many students can dance at one time. What is the area of the dance floor?



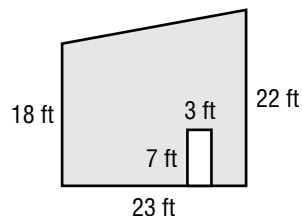
- 3. SWIMMING POOLS** The triangular swimming pool shown is surrounded by a concrete patio. Find the area of the patio. Round to the nearest tenth if necessary.



- 4. GARAGE BAND** Sherice plays the bass in a garage band. Sherice's parents let her and her friends use a section of their garage in the shape of a parallelogram for rehearsals. How much space in square feet does Sherice's band have to practice in?



- 5. CONSTRUCTION** A 7-foot by 3-foot doorway is to be cut into the trapezoid-shaped wall shown. What is the area of the wall, without the doorway?



- 6. CONSTRUCTION** The wall in Exercise 5 is to be painted. If one can of paint covers 110 square feet, how many cans of paint will be needed if only one coat of paint is applied?