

5.7 Learning Opportunity

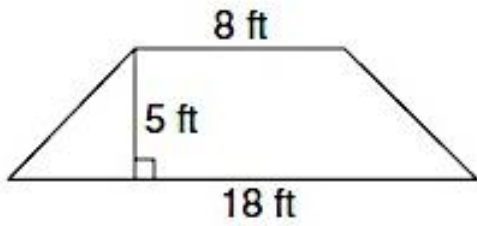
Measurement: Trapezoids



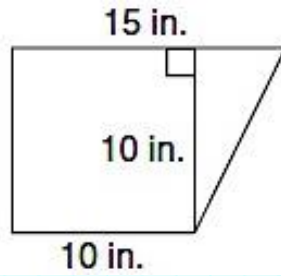
Name: _____

Find the area of each trapezoid below. Round to the nearest tenth if necessary.

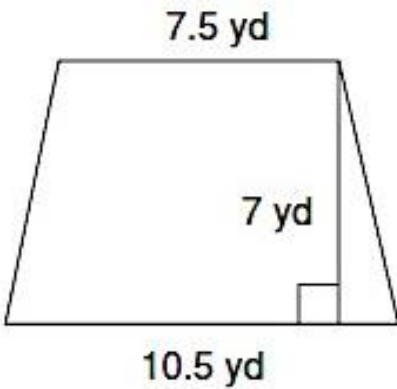
1)



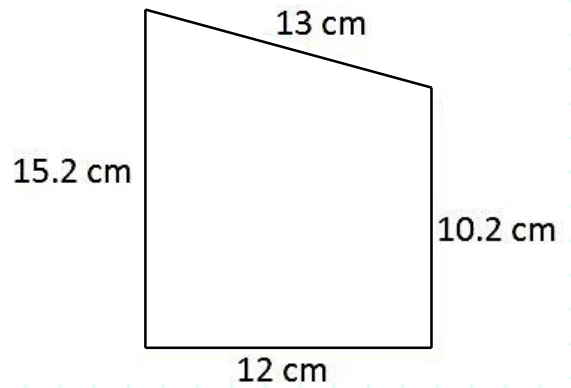
2)



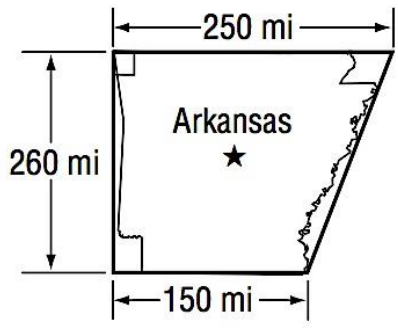
3)



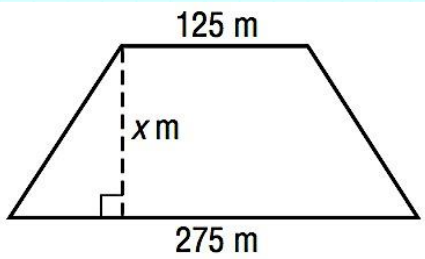
4)



5) The state of Arkansas is roughly trapezoidal. Find its approximate area using the drawing below.



6) The trapezoid shown below has an area of 23,000 square meters. Find the height of the trapezoid given the base lengths shown.



Optional bonus problem) The large square shown contains smaller squares A, B, and C. Their areas are 9, 16, and 9 square meters respectively. How many square meters are in the trapezoidal shaded region?

