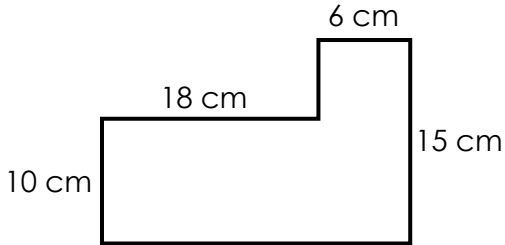


Name: _____ Date: _____ Period: _____

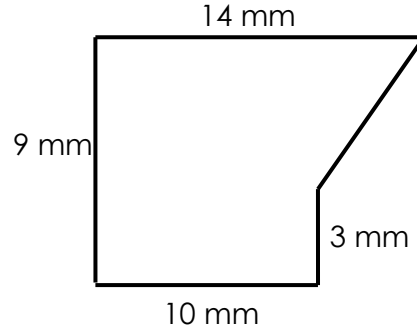
Area of Composite Shapes

Decompose (break up) each composite shape into triangles, rectangles, and/or parallelograms. Find the area of each individual shape and then find the composite (total) area.

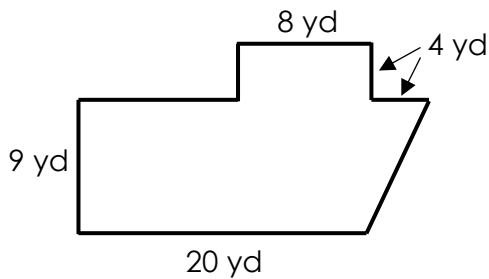
1)



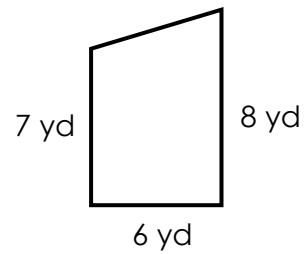
2)



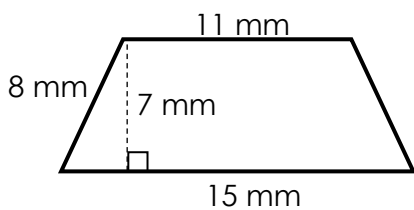
3)



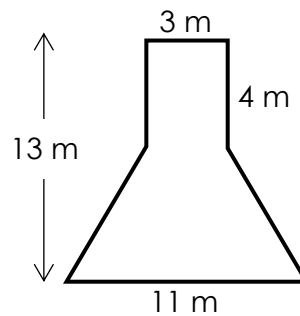
4)



5)



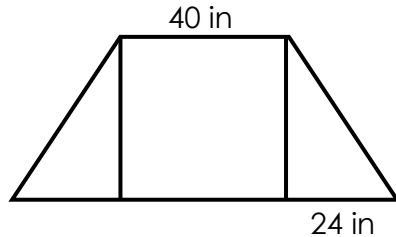
6)



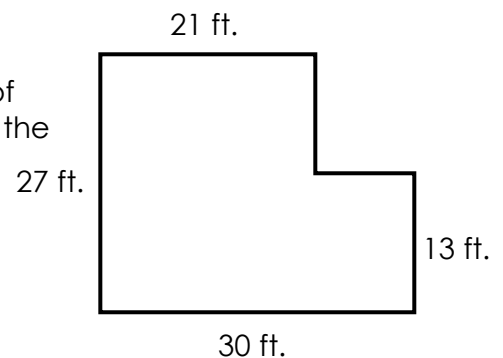
Name: _____ Date: _____ Period: _____

Answer each questions. Show all work. Use correct units! Circle your final answer!

7) Jamie's science project is on a tri-fold board. The board has a square in the center that is 40 inches long. When the triangular flaps at the side are opened, the poster board takes the shape of a trapezoid. The base of each triangle is 24 inches. How many square inches does Jamie's science project cover?

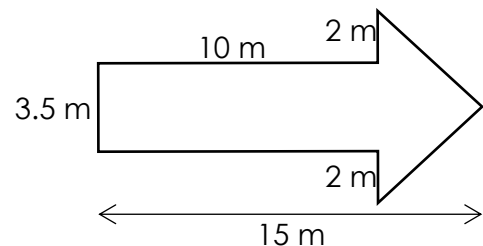


8A) The Millers just refinished their basement. They need to pour concrete to cover the floor. How many square feet of concrete do the Millers need in order to completely cover the basement floor?



8B) One bag of concrete can cover 60 square feet. How many bags of concrete do the Millers need to buy?

9) The Georgia Department of Transportation (GDOT) is painting arrows in new turn lanes on Roswell Road. The arrows have the dimensions shown.



A. How many square meters of paint will GDOT need for each arrow?

B. If paint costs \$0.26 per square meter, how much does it cost to paint one arrow?