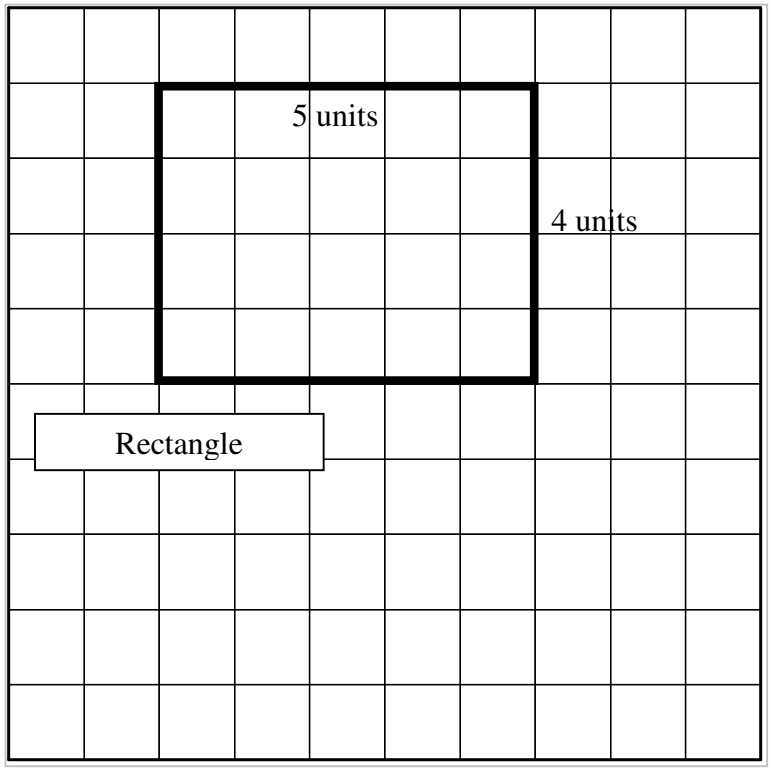
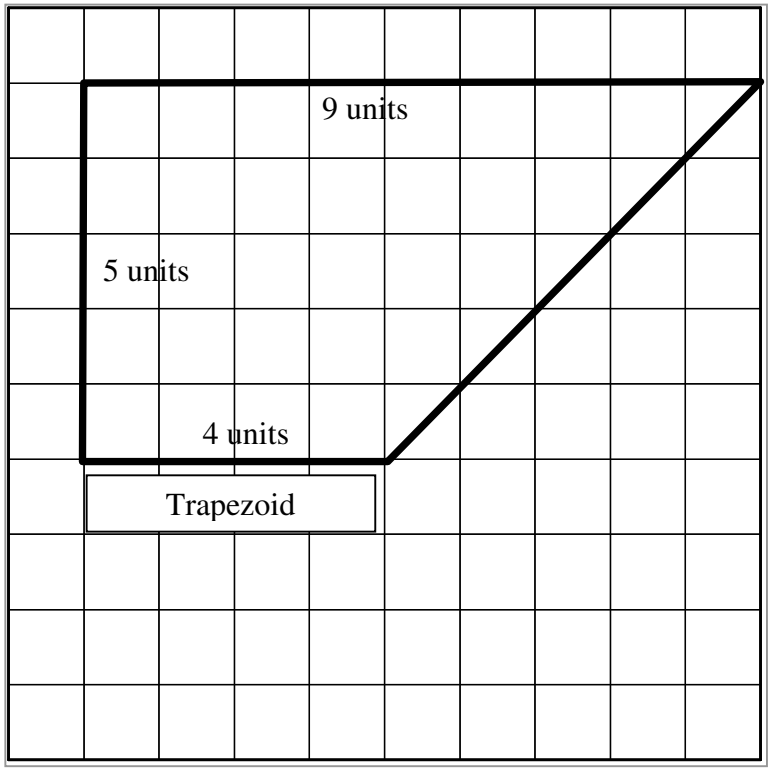
GRADE 10 MATH
UNIT C
MEASUREMENT ASSIGNMENT 2

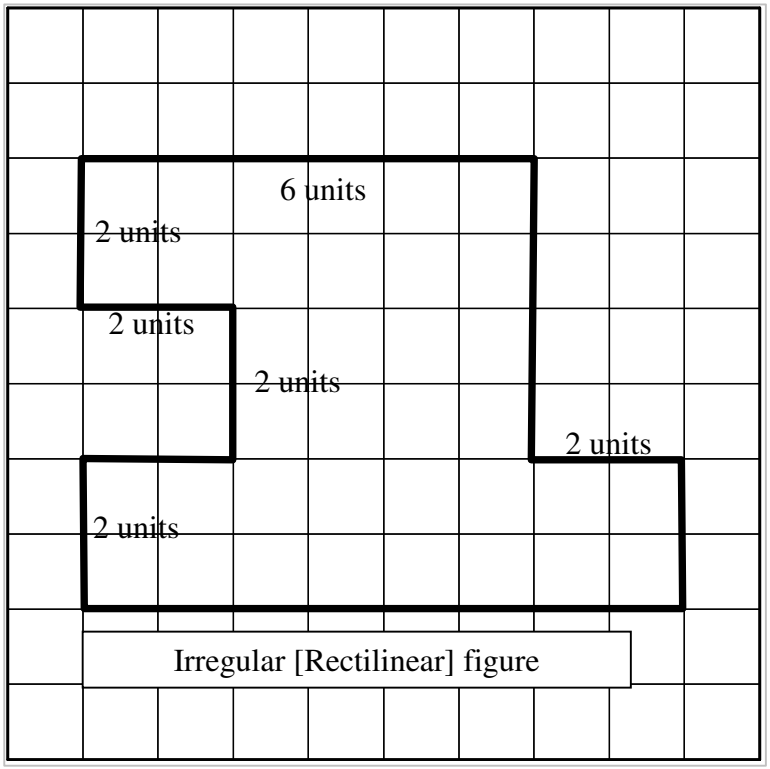
Name: _____
Date: _____

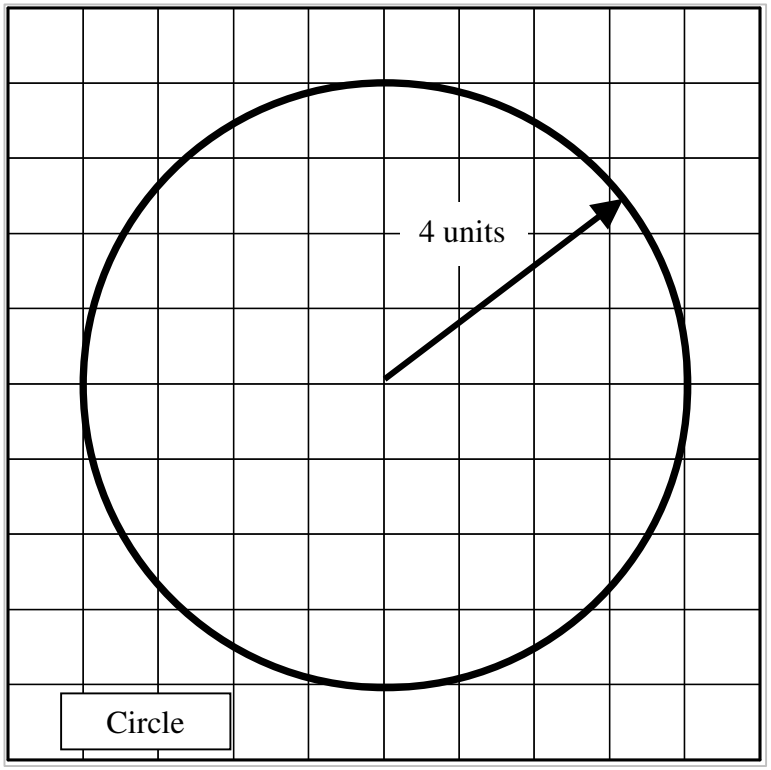
Use your Geometric Formula sheet if necessary. Round answers to the nearest 0.01 (two decimal places if necessary)

1. Calculate the perimeter and area of the following figures.



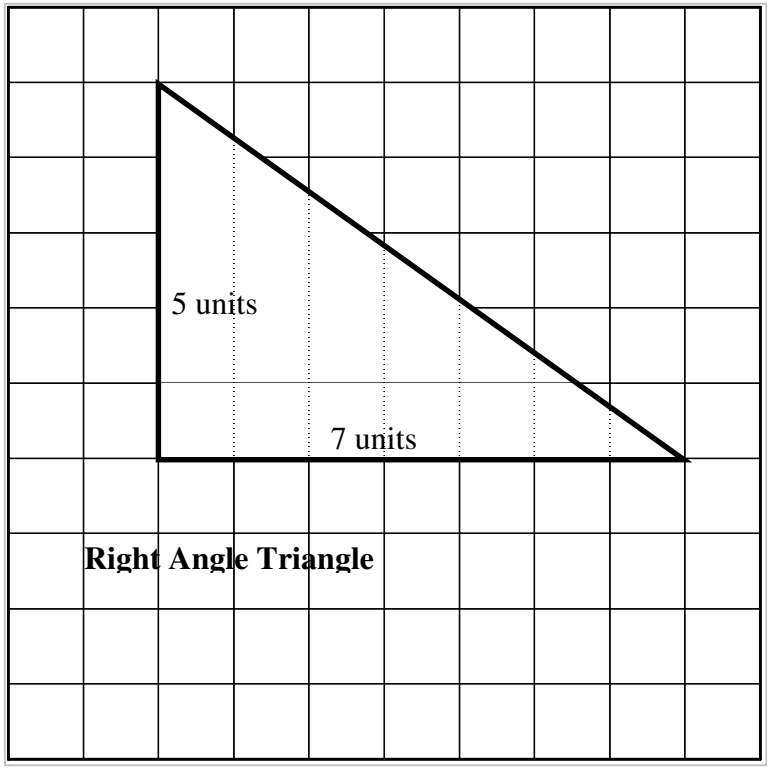


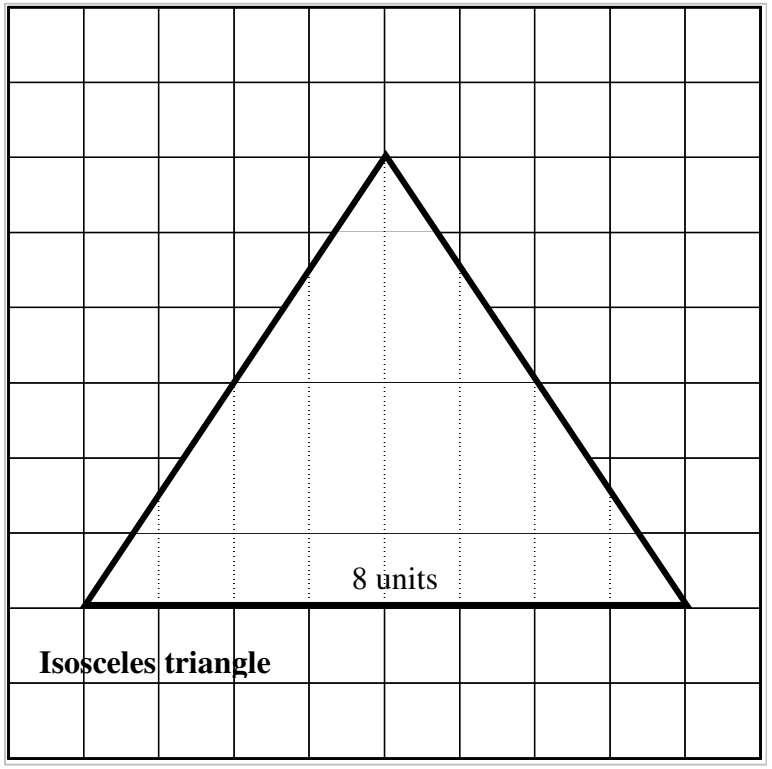




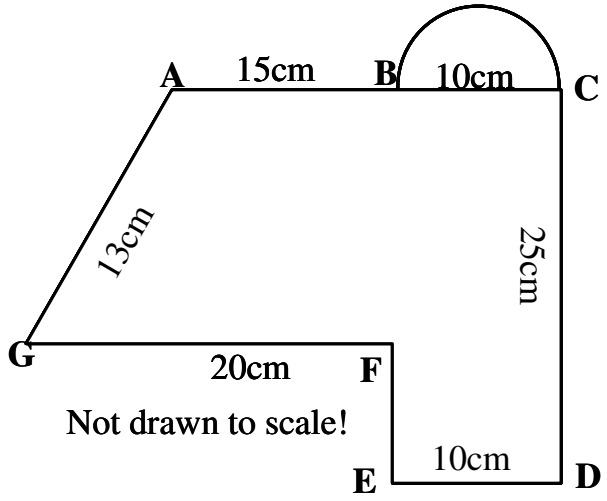
2. The rear window of a pick-up truck is a trapezoidal shape. The sides are 80 cm long each, the top edge is 160 cm, the bottom edge is 200 cm. The owner wants to replace the rubber gasket around the edge, gasket costs $2.49 per metre. He also wants to tint the window at a cost of $7.85 per square metre. How much will the gasket cost and how much will the tint cost?

3. Find the perimeter and area of the two triangles:





4. Calculate the perimeter and the area of the object below: (corners C, D, E, and F are right angles).



5. Solve for x:

a. $3x + 7 = 5x - 9$

b. $\frac{1}{4}x + 8 = 13$