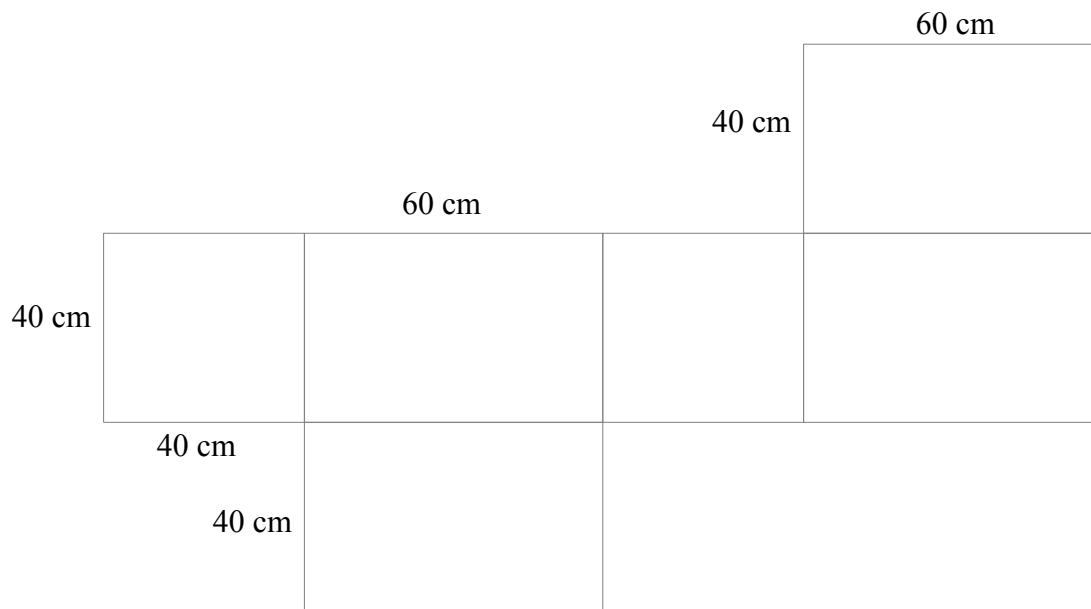


Name: _____

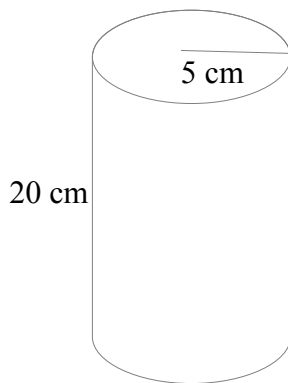
1. Explain in your own words what surface area is.

2. A cardboard box design is below, what will the surface area of the box be?

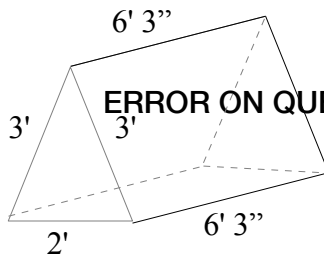


3. Determine the surface area of the following shapes

a)



b)



ERROR ON QUESTION: TREAT AS BONUS QUESTION

4. A baseball league gives out silver coated baseballs as awards. The baseballs have a circumference of 23.6 cm, and a diameter of 7.5 cm. Getting 1mm thick silver plating costs \$0.50 per cm^2 , how much will each award cost?

5. A 1 meter cube has a 10 centimeter diameter hole drilled through the centre of it. By what percentage does this increase the surface area?