How much paper do I need to wrap a parcel? – your example

I would like to have my name put on the back of my PAMS BEARS shirt before going back to school. Since the stores are closed, I must put my shirt in a box and send it by mail.

Math Problem: How much paper will it take to wrap the box up to mail? To find the exact amount, I need to calculate the **surface area.**
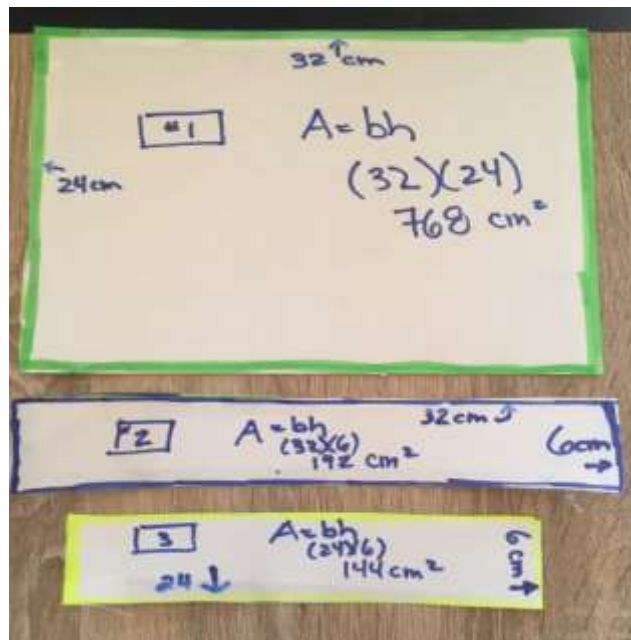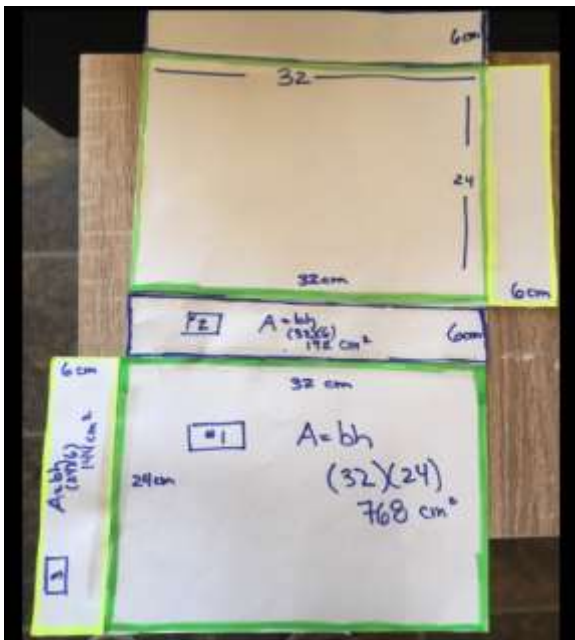
Here are the steps to follow:

#1 Find your shirt, make sure it's clean and folded.

#2 Find a box that will fit it and take the measurements of the box.
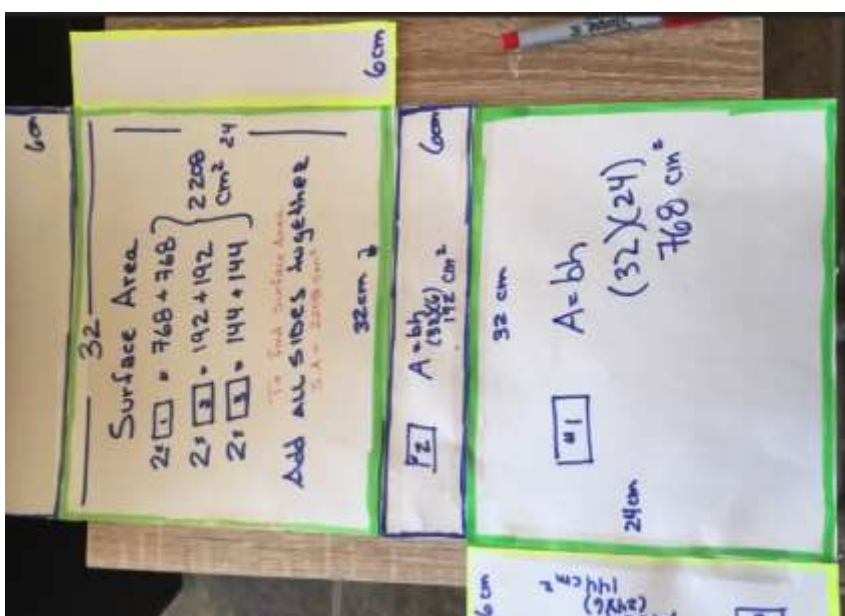

#3 Now draw **the net** or draw the **three different rectangles** that make up your box. Find the area of each rectangle (base x height).

#4 Add the **surface area** of each rectangle together. Don't forget that the surface area is the total of all areas added together. Each box (rectangular prism) has three different sides.

Surface Area = 2 x area of side 1   + 2 x area of side 2   + 2 x area of side 3

The surface area of this box is 2 208cm².

This means I will need a piece of paper that is 2 208cm² to wrap the box with my BEARS shirt.