**Surface Area of Rectangular Prisms**

Name: Div.: Date:

Draw the 3D net and label its parts to help solve the following questions

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|  |  |  | If the surface area of a cube is 150cm2, what are the lengths of the sides of the cube. |
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|  |  |  | If the edges of a cube are doubles in length, what happens to the surface area? What if they are tripled in length? Write a mathematical equation to show what will happen to the surface area if the sides are increased by a factor of $n$. |