**Math 8: Surface Area Final Exam Review**

* **Views of 3D Objects**
1. Draw and label the top, front and side view of the object. *Use a ruler*!
2. Sketch a 3D object. *Use isometric dot paper!*

Top Front Side

1. Draw the top, front and side view after a 90˚ clockwise rotation.
* **Nets of 3D objects.**
1. Sketch a net for the object.



1. Identify the solid that can be created by the net. Provide a sketch.



* **Surface Area of a Prism**
1. Find the surface area to the nearest tenth.
2. Jill is covering three blocks with paper. The dimensions of the first box are 1 cm x 1 cm x 1cm, the second are 2 cm x 2cm x 2cm and the third is 3 cm x 3cm x 3cm. If he is not covering the tops how much paper does she need?
* **Surface Area of a Cylinder**
1. Find the surface area of a cylinder to the nearest tenth with a diameter of 10 cm and length of 72 cm.
2. If the following cylinder needs to painted with one coat everywhere except the bottom, how much paint is required?

**Questions to Review**

Page 168 #3 – 7, 9

Page 173 #3 – 5, 7, 8

5.1 & 5.2 Views of 3D Objects & Nets of 3D Objects (This was an assignment “for marks”)

Page 180 # 3, 5, 6, 7, 8, 10, 11, 12 (I would look at these!!!)

Page 186 # 5, 6, 8 – 10

Surface Area Assignment 2

Surface Area Test