**Surface Area of Cylinders Notes** Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Surface Area** is measured in \_\_\_\_\_\_\_\_\_\_\_\_\_ units.

|  |  |
| --- | --- |
| 1. | If you took the cylinder and laid it flat, what would it look like?  |
| Area of the circles:  | Area of the rectangle: |
| Total Surface Area of the Cylinder: |

|  |  |
| --- | --- |
| 2. | If you took the cylinder and laid it flat, what would it look like?  |
| Area of the circles:  | Area of the rectangle: |
| Total Surface Area of the Cylinder: |

**Formula for Surface Area of a Cylinder:**

SA =

![C:\Documents and Settings\jainslie\Local Settings\Temporary Internet Files\Content.IE5\6W2FJPU3\MC900432687[1].png]()

**Pause the video and try the problems on the back on your own!**

**Then press play and check your answers with a color pen.**

|  |  |
| --- | --- |
| 1. | If you took the cylinder and laid it flat, what would it look like?  |
| Area of the circles:  | Area of the rectangle: |
| Total Surface Area of the Rectangular Prism: |

Try these using the formula:

|  |  |
| --- | --- |
| 2.  | 3. |
| 4.  | 5.  |