**Basic Surface Area and Volume of Prisms and Cylinders- Notes**





|  |  |  |
| --- | --- | --- |
| Surface Area: | Lateral Area:  | Volume:  |

Example1:

Find the volume, lateral area and surface area of the prism.



**Practice Example:** Find the volume, lateral area and surface area of the prism.

1.

Cylinders:

|  |  |  |
| --- | --- | --- |
| Surface Area: | Lateral Area:  | Volume:  |

Example2:

Find the volume, lateral area and surface area of the prism.



**Practice Examples:** Find the volume, lateral area and surface area of the solid.



1.

**Basic Surface Area and Volume of Prisms and Cylinders- In-Class Practice**

**Directions:** Find the volume and surface area of the solid, round to the nearest tenth if needed.

1.



2.

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3.

4.



5.

Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Hour: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Basic Surface Area and Volume of Prisms and Cylinders- Homework**

**Directions:** Find the volume and surface area of the solid, round to the nearest tenth if needed.

1.



2.

3.



4.

5.



6.



7.



8.