



Name: _____

Date: _____

Find the volume or surface area of each figure.

Solve for x . Show your work.

1. Cylinder: $r = 4$, $h = 4$

2. Triangular prism: $b = 7$, $h = 3$, $l = 8$

3. Cylinder: $r = 6$, $h = 10$

4. Cylinder: $r = 2$, $h = 9$

5. Triangular prism: $b = 8$, $h = 6$, $l = 9$

6. Cylinder: $r = 6$, $h = 3$

7. Triangular prism: $b = 8$, $h = 3$, $l = 6$

8. Cylinder: $r = 2$, $h = 10$



Find the volume or surface area of each figure. – Answer Key

1. Cylinder: $r = 4$, $h = 4$

$64\pi \text{ square units}$

2. Triangular prism: $b = 7$, $h = 3$, $l = 8$

84 cubic units

3. Cylinder: $r = 6$, $h = 10$

$360\pi \text{ cubic units}$

4. Cylinder: $r = 2$, $h = 9$

$36\pi \text{ cubic units}$

5. Triangular prism: $b = 8$, $h = 6$, $l = 9$

216 cubic units

6. Cylinder: $r = 6$, $h = 3$

$108\pi \text{ cubic units}$

7. Triangular prism: $b = 8$, $h = 3$, $l = 6$

72 cubic units

8. Cylinder: $r = 2$, $h = 10$

$40\pi \text{ cubic units}$