Find the volume of the pyramid or cone.
1.

$$
V=\frac{1}{3} B h
$$



$$
\left\{\begin{array}{l}
h^{2}+5^{2}=13^{2} \\
h^{2}+25=169 \\
-25-25
\end{array} \quad \begin{array}{l}
V=400 f t^{3}
\end{array}\right.
$$

Square
$B=s^{2}$

$$
\sqrt{h^{2}} \pm \sqrt{144}
$$

$$
B=10^{2}=100
$$

$$
h=12
$$

Find the volume of the pyramid or cone.
2.

$V=\frac{1}{3} B h$

circle
$B=\pi r^{2}$

$$
\begin{aligned}
& B=\pi(5)^{2}=25 \pi \\
& n=6
\end{aligned}
$$

Find the volume of the pyramid or cone.
3.


Triangle


Find the volume of the pyramid or cone.
4.

5. Given a the pyramid with a surface area of $896 \mathrm{ft}^{2}$, find the slant height, height, and volume.

6. Find the volume of the semicircular cone figure below.

7. The volume of a cone that is $192 \pi \mathrm{~cm}^{3}$ has a radius of 8 cm . Find the height, slant height, and the surface area of the cone.


