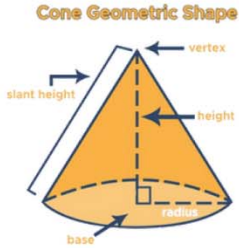


Name :

Class :

Surface Area of Cones



The Surface area of a cone is the total area covered by its surface these formula as given in figure.

A Closed Cone	An Open Cone
<p>A diagram of a closed cone with a dashed line for height h and a solid line for radius r. A right-angle symbol is at the center of the base.</p>	<p>A diagram of an open cone with a dashed line for height h and a solid line for radius r. A right-angle symbol is at the center of the base.</p>
Area $\pi r (r + \sqrt{r^2 + h^2})$	Area $\pi r \sqrt{r^2 + h^2}$

Find the surface area of each figure.

1) <p>A cone with a dashed height of 3 and a solid radius of 2. A right-angle symbol is at the center of the base.</p> <p><input type="text"/></p>	2) <p>A cone with a dashed height of 16 and a solid radius of 4. A right-angle symbol is at the center of the base.</p> <p><input type="text"/></p>	3) <p>A cone with a dashed height of 33 and a solid radius of 23. A right-angle symbol is at the center of the base.</p> <p><input type="text"/></p>
4) <p>A cone with a dashed height of 2.25 and a solid radius of 3.25. A right-angle symbol is at the center of the base.</p> <p><input type="text"/></p>	5) <p>A cone with a dashed height of 25 and a solid radius of 17. A right-angle symbol is at the center of the base.</p> <p><input type="text"/></p>	6) <p>A cone with a dashed height of 48 and a solid radius of 42. A right-angle symbol is at the center of the base.</p> <p><input type="text"/></p>
7) <p>A cone with a dashed height of 10 and a solid radius of 30. A right-angle symbol is at the center of the base.</p> <p><input type="text"/></p>	8) <p>A cone with a dashed height of 1 and a solid radius of 0.25. A right-angle symbol is at the center of the base.</p> <p><input type="text"/></p>	9) <p>A cone with a dashed height of 21 and a solid radius of 11. A right-angle symbol is at the center of the base.</p> <p><input type="text"/></p>