Cone Surface Area: Guided Notes **Name:** _____
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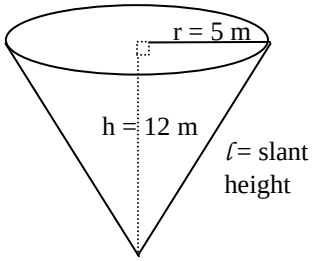
Use the figure below to calculate its surface area.



Top:	(Circle) πr^2 =
Bottom:	Calculate the slant height (ℓ) using Pythagoras.
	5, 12 | $a^2 + b^2 = c^2$ | ℓ = c, $\pi r \ell$
Total:	

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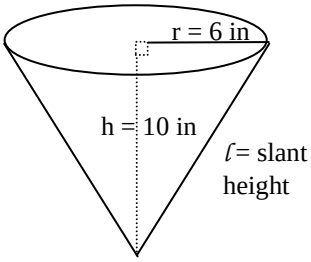
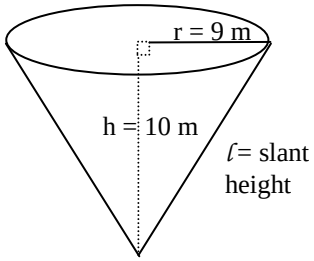
Use the following diagrams of cones to calculate their surface areas.

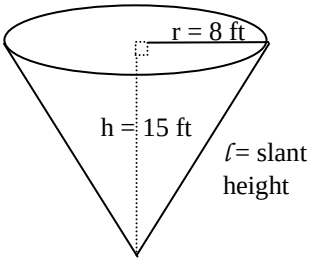
1)



2)



3)



4)