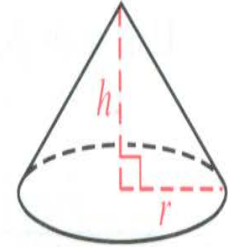
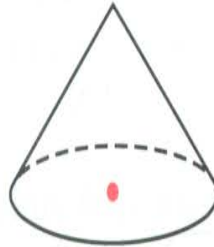
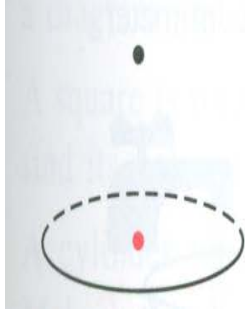
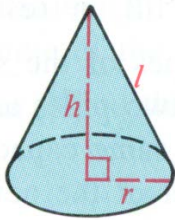


To draw a cone:

- 1) Draw an oval and a vertex point over the center of the oval
- 2) Join the vertex to the oval
- 3) Draw the altitude and a radius



Complete the table for the cones described. You may need to sketch the cones.



	1	2	3	4	5	6	7	8
radius, r	4	8	12	$4\sqrt{2}$	12	21	15	9
height, h	3	6	5	2	9	20	8	12
slant height, l	5	10	13	6	15	29	17	15
Lateral Area	20π	80π	156π	$24\sqrt{2}\pi$	180π	609π	255π	135π
Surface Area	36π	144π	300π	$24\sqrt{2}\pi + 32\pi$	324π	1050π	480π	216π
Volume	16π	128π	240π	$\frac{64}{3}\pi$	432π	2940π	600π	324π