

Cone volume

Name _____

Date _____

Find the volume to 2 decimal places (use π).

Problem	Answer	Problem	Answer
1. $r = 2$, $h = 6$		7. $r = 11$, $h = 9$	
2. $r = 2$, $h = 10$		8. $r = 11$, $h = 11$	
3. $r = 2$, $h = 8$		9. $r = 7$, $h = 10$	
4. $r = 9$, $h = 19$		10. $r = 8$, $h = 8$	
5. $r = 12$, $h = 20$		11. $r = 10$, $h = 9$	
6. $r = 8$, $h = 13$		12. $r = 6$, $h = 6$	

Notes

Answer key — Cone volume

#	Problem	Answer
1	$r = 2, h = 6$	25.13
2	$r = 2, h = 10$	41.89
3	$r = 2, h = 8$	33.51
4	$r = 9, h = 19$	1,611.64
5	$r = 12, h = 20$	3,015.93
6	$r = 8, h = 13$	871.27
7	$r = 11, h = 9$	1,140.4
8	$r = 11, h = 11$	1,393.82
9	$r = 7, h = 10$	513.13
10	$r = 8, h = 8$	536.17
11	$r = 10, h = 9$	942.48
12	$r = 6, h = 6$	226.19

Notes