

1. $d = 481.25$ m
2. $r = 280$ mi/h
3. $t = 259.3$ s
4. $t = 20.4$ h
5. 67°F
6. 57°F
7. 60°F
8. 53°F
9. 55.4 mm
10. 27 m
11. 136.4°F
12. 24.8°F
13. 161.6°F
14. 132.8°F
15. -128.2°F
16. 22 m; 27.01 m²
17. 74 cm; 288.96 cm²
18. C
19. about 358 or 359 ft
20. about 700 ft²
21. about 100,000 mi²
22. about 1,300 mi
23. B
24. H
25. C
26. [2] $P = 2\ell + 2w$, 89.2 m
[1] one answer
27. [2] 0.37 mi, about 1.1 mi
[1] one answer only