

Pi-Rates Spring 2025 Competition Answers

1. 21
2. 24 un^2
3. 160 Liters
4. 21 dots
5. 100°
6. Median = 5.5
7. 0.4 or $\frac{2}{5}$
8. $x = 8$
9. $\frac{20}{29}$
10. 1400 Applicants
11. 486 un^2
12. 288
13. 525,600 minutes
14. $b = 15$
15. Mode = 11
16. Circumference = 30
17. $x = -\frac{5}{6}$ or $x = -0.833$
18. 75
19. 7
20. $n = 14$
21. (16,0) or $x = 16$
22. 8
23. 18
24. -40°C
25. $f(g(4)) = 128$
26. 9495
27. 324,262
28. 100
29. $f(x) = -\frac{2}{3}$ or -0.667
30. 10 units
31. 11 gold marbles
32. $x = 12$