

2017 MATYCONN Math Contest – Answer Key

One Pointers:

1. $y = 2$
2. 5 questions
3. 10 numbers
4. $n = 4$
5. $x + y = \frac{5}{2} = 2.5$
6. 31 homeruns

Two Pointers:

7. $D = 22, 47, 74, 103$
8. 8 games
9. 80%
10. $k = \frac{12}{5} = 2.4$
11. Range: 5
12. 13 arrangements
13. 6 socks
14. $x = BN$

Three Pointers:

15. 4 jellybeans
16. 154 miles
17. 6
18. 48
19. 12 factors
20. $p = 19$

Four Pointers:

21. $C = 28$ or 36
22. $n = 124$
23. 9 paths
24. $n = 7, 14, 28, 35, 70,$ or 140
25. Green