

Precalculus

10.1 Odd Answers

1. 120

3. 220

5. $\frac{1}{2}, -\frac{2}{5}, \frac{3}{14}, -\frac{4}{41}, \frac{5}{122}$

7. $\left\{ \frac{1}{n(n+1)} \right\}$

9. 2, 5, 8, 11, 14

11. 5, 10, 20, 40, 80

13. 2, 5, 1, 19, -14

15. $1 + \frac{1}{3} + \frac{1}{9} + \dots + \frac{1}{3^n}$

17. $\sum_{k=1}^{20} k^3$

19. $\sum_{k=1}^n \frac{3^k}{k}$

21. 400

23. 1110

25. 176,400