

Team Answers

1. $2x^3 - x^2 + 7x + 7$
2. $\frac{1}{6}(x^3 + x^2 - 8x - 12)$ or $\frac{x^3}{6} + \frac{x^2}{6} - \frac{4x}{3} - 2$
3. 13
4. $\frac{2}{3}$
5. $4\sqrt{5}$
6. $0 < x < 1$
7. $2n^2 - n$.
8. 400 m
9. $24\sqrt{5}$
10. 115
11. $\sqrt{65}$
12. $\frac{231}{2\pi}$
13. $9 - 2x - x^2$
14. $1344\sqrt{21}$
15. $\frac{11}{16}$
16. 215
17. 45
18. 3696
19. 42
20. $\frac{3}{20}$
21. 300 km/h