

1. $\sqrt[4]{\frac{28x^3}{3} - 236}$
2. $y = 6e^{\frac{5x^3}{3}}$
3. $y = \sqrt{2\tan^{-1}x + 4}$
4. $y = \sqrt[3]{3e^x - 2}$
5. $Y = 2x^2$
6. $Y = \sin^{-1}(-\cos x)$
7. Approximately 20,000
8. 45 m
9. Approximately 1800 ft³
10. Approximately 8,900 g
11. 4.441
12. 0.328
13. 0.04

