

Homework 12 Final Answers

1. $-\frac{11}{3}$

11. $\frac{256}{15}$

2. $\sqrt{3} - 1$

12. $\frac{44}{9}$

3. $\frac{17}{6}$

13. $\frac{13}{2}$

4. $\frac{7}{8}$

14. $-\frac{7}{2}$

5. $\frac{7}{3}$

15. 3

6. $\frac{52}{3}$

16. $f(4) = 29$

7. $-\frac{7}{6}$

17. $g'(x) = \frac{1}{x^3+1}$

8. $\frac{17}{4}$

18. $F'(x) = \sqrt{1+\sqrt{x}}$

9. $\frac{1}{3}$

19. $H'(x) = -(2+x^4)^5$

10. $\frac{3}{2}$