**Chapter 1 Practice Test**









































**Chapter 1 Practice Test Answers**

1. $-1$
2. $\frac{-3}{2}$
3. $\frac{-6}{7}$
4. $-1$
5. $-\infty $
6. $+\infty $
7. $DNE$
8. $a. Because \lim\_{x\to \pm \infty }f\left(x\right)=-1 the horizontal asymptote is y=-1$

b. $x=3$

1. $\frac{1}{\sqrt{3}}or\frac{\sqrt{3}}{3}$
2. $2$
3. $-1$
4. $3$
5. $0$
6. $10$
7. $7$
8. $can't answer$
9. $7$
10. $DNE$
11. $In Class$
12. $Refer to the textbook$
13. $\frac{1}{8}$
14. $k=-1or 5$
15. $y=1$
16. $5$
17. $\frac{6\sqrt{3}}{2π} or\frac{3\sqrt{3}}{π}$