Study Guide 2018 Key

1. 84°
2. $\frac{π}{9}$ radians
3. 3.67 radians
4. Quadrant III
5. 20°
6. $\frac{11π}{36}$ radians
7. $-\frac{1}{2}$
8. $-\frac{\sqrt{3}}{2}$
9. $\frac{1}{2}$
10. 7
11. $\frac{4}{3π}$
12. 4 cos $\frac{8}{3}$x + 1
13. y = 3
14. f(x) = 4 sin 10x + 3
15. $\frac{1}{π}$
16. $\frac{10π}{3}$
17. 4
18. A = 3 B = $\frac{π}{2}$ H = 2