**PRE CALC Derivative WS # 1**

**Find the derivative of each function.**

1. 
2. 
3. 
4. 
5. 
6. 
7. 
8. 
9. 
10. 
11. **Find the slope of the tangent line** to  at (-2, -19).
12. **Find the slope of the tangent line** to  at (-1, 1).

**PRE CALC Derivatives WS #2**

**Given f(x) below, find f’(x).**

1. 
2. 
3. 
4. 
5. 
6. 
7. 
8. 
9. 
10. 
11. 
12. 

# **PRE CALC Derivative WS #3 Quotient Rule**

**Given f(x), find f’(x).**

1. 
2. 
3. 
4. 
5. 
6. 
7. 
8. 
9. 

**PRE CALC Derivative WS #4 Chain Rule 1**

**Find  for each of the following.**

1. 
2. 
3. 
4. 
5. 
6. 
7. 
8. 
9. 
10. 
11. 
12. 
13. 
14. 

**PRE CALC Derivative WS #4 Chain Rule 2**

**Find  for each of the following.**

1. 
2. 
3. 
4. 
5. 
6. 
7. 
8. 
9. 
10. 
11. 
12. 
13. 
14. 