**2.2 The Power Rule**

**Constant Rule**

If *f* is a constant function, , then



Differentiate the following:

a)  b) 

**Power Rule**

If , where *n* is any real number, then 



Differentiate the following:

(a)  b) 

c)  d) 

**Constant Multiple Rule**

If , where *c* is a constant, then 



Differentiate the following:

a)  b) 

c)  d) 

At what points on the hyperbola  is the tangent line parallel to the line?