

Name: _____

MA 5320 Quiz 5

4.2: 5, 6

4.2 extra: Using rules (inverse function derivative for one) and previous derivatives find the derivatives o

(a) $f(x) = \arcsin(x)$

(b) $f(x) = \arccos(x)$

(c) $f(x) = \arctan(x)$

4.3: 6 (use MVT on f for $(0,1)$ and then use MVT on f for $(1,2)$ the use MVT on f' for interval (c_1, c_2))

4.3: 9b,d, 10,b,c, 15, 17, 21