Math 1010 - Quiz 8

University of Utah

Fall 2009

Name: _____

1. Solve the rational equation:

   (6 points)

   $$\frac{h+2}{5} - \frac{h-1}{9} = \frac{2}{3}.$$

2. Write out the mathematical relation defined by the statement:

   (3 points)

   n varies inversely with m, and $n = 32$ when $m = 1.5$.

3. What is the domain of the function: $\sqrt[3]{x}$?

   (2 points)

4. Evaluate the expression:

   (in other words, write is as simply as possible)

   (4 points)

$$8^{-\frac{2}{3}}$$