

Math 092
Quiz 1

1) Find the square root of 144. What is the principal square root?

2) Find the specified functional value if it exists. $f(x) = \sqrt{5x - 10}$

$$f(7) =$$

$$f(-2) =$$

3) Simplify. Remember to use absolute value notation. $\sqrt{y^2 + 16y + 64}$

4) Simplify. Assume that no radicands were formed by raising negative quantities to even powers. $\sqrt{(x + 3)^{10}}$