

Name: _____

This quiz covers: P.1-P.3.

Directions: Complete all questions and **show all applicable work.** Partial credit will be given. All questions are equally weighted.

1.) Simplify:

$$\sqrt{\frac{49}{9}}$$

2.) Rationalize the denominator:

$$\frac{2}{\sqrt{10}}$$

3.) Simplify the following:

$$\left(\frac{20x^{24}y^{-2}}{10x^6y}\right)^2$$