

Summer Session, Worksheet for Lesson 4

- 1) Simplify the expression so that no negative exponents appear in the final result. Assume that all variables represent positive real numbers.

$$\frac{(r^{1/4}w^{2/5})^{20}}{r^2}$$

- 2) Express in simplified form.

$$\sqrt{150}$$

- 3) Express in simplified form. Assume that all variables represent positive real numbers.

$$\sqrt{27t^2}$$

- 4) Express in simplified form. Assume that all variables represent positive real numbers.

$$\sqrt{180x^6y^{15}}$$