

Student Name: _____

Score: _____

Evaluate Using Power Rule

Example: $\log_6 36 = \log_6 6^2 = 2 \log_6 6 = 2(1) = 2$

Work Space

$\log_2 8$

Answer: _____

$\log_5 125$

Answer: _____

$\log_3 81$

Answer: _____

$\log_{10} 1000000$

Answer: _____

$\log_{11} 121$

Answer: _____

Student Name: _____

Score:

Answers

$$\log_2 8$$

Answer: **3**

$$\log_5 125$$

Answer: **3**

$$\log_3 81$$

Answer: **4**

$$\log_{10} 1000000$$

Answer: **6**

$$\log_{11} 121$$

Answer: **2**