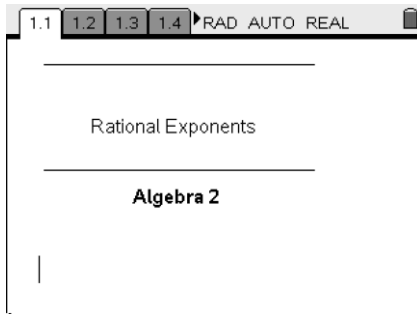# TI-*nspire*™

Rational Exponents
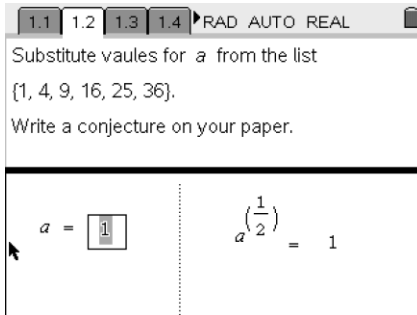
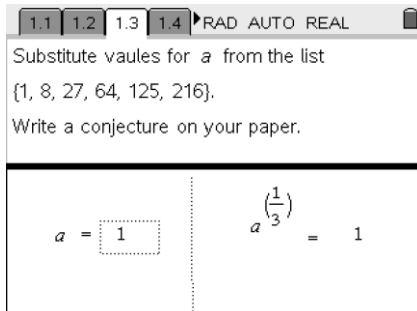Name _____

Class _____

In this activity, you explore rational exponents.

Open the file *RationalExponents.tns* on your handheld.
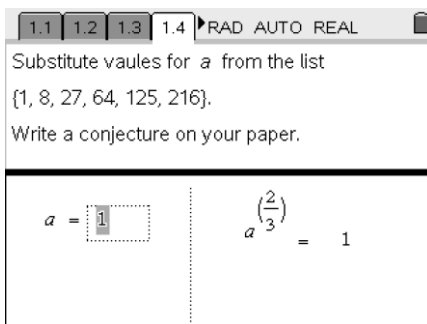
Remember, when there is a split screen, *press* (ctrl)(tab) *to move from the top of the screen to the bottom of the screen.*

Your conjecture:

Your conjecture:

Your conjecture:

TI-*nspire*™

| 1.2 | 1.3 | 1.4 | 1.5 | RAD AUTO REAL |

Substitute vaules for *a* from the list
{1, 16, 81, 256, 625, 1296}.

Write a conjecture on your paper.

$$a = \boxed{1}$$

$$a^{\left(\frac{3}{4}\right)} = 1$$

Your conjecture:

| 1.3 | 1.4 | 1.5 | 1.6 | RAD AUTO REAL |

Question

What is another way to write

$$\frac{m}{a^{n}} \quad ?$$

Answer ≫

Your answer: