*Module 4 Lesson 6:*

*Exponential and Power Equations*

General Exponential Equation General Power Equation

**Learning Targets:**

* **I can identify the base of an exponential and power equation.**
* **I can solve exponential equations by forming like bases.**
* **I can solve power equations using the idea of a reciprocal.**

**Solving Exponential Equations:**

Step 1:

Step 2:

Step 3:

**Examples:**

1. 3.
2. 4.

6.

8. 9.

**Solving Power Equations**

Step 1:

Step 2:

Step 3:

**Examples:**

1. 3.
2. 4.

5. 6.