LOG LAWS:

Logarithms can be manipulated using log laws, as seen below.

$$\log_a a^x = x \text{ for all real } x \qquad a^{\log_a x} = x \text{ for all } x >$$

3.1 WORKED EXAMPLE	3.2 WORKED EXAMPLE
Evaluate $\log_a a^3$.	Evaluate $a^{\log_a 5}$.