Problem **1** *Compute the following numeric exponential value.*

- $\log_2 (2) = \boxed{1}$

- $\log_2 \left(\dfrac{1}{2} \right) = \boxed{-1}$

***Feedback*(attempt):** *A good way to think of logs is to put them in their exponential form. Instead of looking at $\log_2 (2) =?$ rewrite it as $2^? = 2$.*

Problem **2** *Compute the following numeric exponential value.*

- $\log_2 (16) = \boxed{4}$

- $\log_2 \left(\dfrac{1}{16} \right) = \boxed{-4}$

***Feedback*(attempt):** *A good way to think of logs is to put them in their exponential form. Instead of looking at $\log_2 (16) =?$ rewrite it as $2^? = 16$.*

Problem **3** *Compute the following numeric exponential value.*

- $\log_6 (216) = \boxed{3}$

- $\log_6 \left(\dfrac{1}{216} \right) = \boxed{-3}$

***Feedback*(attempt):** *A good way to think of logs is to put them in their exponential form. Instead of looking at $\log_6 (216) =?$ rewrite it as $6^? = 216$.*

Problem **4** *Compute the following numeric exponential value.*

- $\log_4 (256) = \boxed{4}$

- $\log_4 \left(\dfrac{1}{256} \right) = \boxed{-4}$

***Feedback*(attempt):** *A good way to think of logs is to put them in their exponential form. Instead of looking at $\log_4 (256) =?$ rewrite it as $4^? = 256$.*