

PREDICT!

USE THE $\text{lm}()$ FUNCTION

$\text{lm}(y \sim x)$

OUTCOME
VARIABLE

EXPLANATORY
VARIABLE

WHICH OF THESE FORMULAS WOULD WE USE INSIDE THE $\text{lm}()$ FUNCTION?

☐ $\text{price} \sim \text{carat}$

☐ $\text{price}^{1/3} \sim \log(\text{carat})$

☐ $\log(\text{price}) \sim \text{carat}^3$

☒ $\log(\text{price}) \sim \text{carat}^{1/3}$