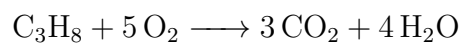


# Quiz Chapter 8 & 9 — Question One

Michael Brodskiy

Instructor: Mr. Morgan

January 14, 2021



$$\frac{30}{50} = .6[\text{mol}_{\text{C}_3\text{H}_8}]$$

$$.6 \cdot -2220 = -1332[\text{kJ}]$$

$$Q = CM\Delta T$$

$$1332000 = 4.18(8000)\Delta T$$

$$\begin{aligned}\Delta T &= \frac{1332000}{4.18 \cdot 8000} \\ &= 39.83[\text{K}]\end{aligned}$$

(1)