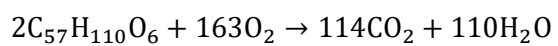


How many moles of water are produced from 40 moles fat ?

Solution

Assume that the fat is all tripalmitoylglycerol:



$$n(\text{H}_2\text{O}) = \frac{40 \text{ moles} \cdot 110 \text{ moles}}{2 \text{ moles}} = 2200 \text{ moles}$$

Answer: $n(\text{H}_2\text{O}) = 2200$ moles.

Answer provided by www.AssignmentExpert.com