$M(CH_3(CH_2)_2COOH) = 58$, $M(CH_3(CH_2)_2COOC_2H_5) = 58$

7.25 g x g

$CH_3(CH_2)_2COOH + C_2H_5OH \rightarrow CH_3(CH_2)_2COOC_2H_5 + H_2O$

88 116

$X = 7.25*116/88 = 9.56$ g

Answer provided by www.AssignmentExpert.com