

PERCENT YIELD CALCULATION

IF DISTILLATION -> 1.6 g DISTILLATE

**AND GC SHOWS THAT DISTILLATE IS 75%
CYCLOHEXENE**

ACTUAL YIELD OF CYCLOHEXENE = 1.6 x 0.75 = 1.2 g

% YIELD = (1.2 g / THEORETICAL YIELD) x 100

SUMMARIZE IN NOTEBOOK

1.6 g DISTILLATE, BP 82 – 84° C

GC -> 75 % PURITY

% YIELD = x %

**(A DETAILED DISCUSSION OF % YIELD IS GIVEN ON
THE COURSE WEBSITE ON THE DOWNLOAD PAGE.)**