# Macintosh HD:Users:Amit:Progs:ExcelerateLive:HTML:ml.png Excelerate Lesson Plan

**Conversions**

**About These Problems**

**Conversion problems often involve converting between fractions, decimals, and percentages. The more difficult conversions involve fractions from decimals. Percentage to decimal conversions just involve multiplying or dividing by 100.**

**Question.** Which one of the following fractions is equal to 0.577 or 58% when converted?

1. 41/71
2. 50/80
3. 2/3
4. 3/5
5. 12/15

**Answer.** **1**: Converting back from a decimal is difficult. Use the calculator to try all five options. Or else narrow it down from the easy fractions such as 3/5 which is 0.60 and 12/15 which is 0.8.