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

**Exponents**

**About These Problems**

**Exponents indicate how many times a number is multiplied. The smaller superscript indicates how many times the regular number is multiplied by itself. xy  = x\*x\*x… y times**

**Question.**  Solve for x.

2x = 64

1. x = 2
2. x = 1
3. x = 3
4. x = 6
5. x = 5

**Answer.** **4**: Using a calculator it is straight forward to figure out that multiplying 2 by itself 6 times yields 64.