

Root Properties:

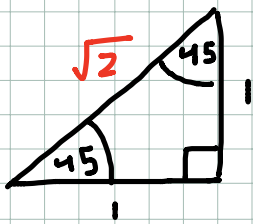
9-23-14

Things you should know!

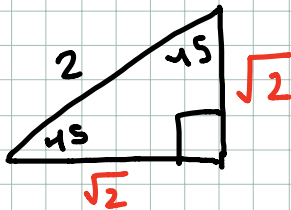
- If $a \neq 0$, then $a^0 = 1$
ex: $(\text{blah})^0 = 1$
- $a^{-b} = \frac{1}{a^b}$
- If 2 exponents with Same base, Add exponents!
ex: $a^b + a^c = a^{b+c}$ or $2^3 \times 2^5 = 2^8$
- If Power is raised to Another Power, Multiply them.
ex: $(w^a)^b = w^{a \cdot b}$ or $(2^3)^5 = 2^{15}$

Famous Triangles:

45-45-90:



or:



30-60-90:

