Properties – IF Intro worksheet

- IF formulas on this worksheet do not use absolute cell references – rely instead on values typed in to formulas
- **Bid?**
  - Logical Test → Subdivision = "Orchard Park"
  - TRUE → "Yes"
  - False → "No"
- **High Bid**
  - Logical Test → Subdivision = "Orchard Park"
  - Calculation in TRUE → Appraised *125%
  - False → 0
- **Low Bid**
  - Logical Test → Subdivision <> "Orchard Park"
  - TRUE → 0
  - False → List Price * 85%
- Revise Low and High Bids to output blank if evaluated to 0 by using "" instead of 0.
- Format all outputted dollar amounts using Accounting format if necessary

IF Function with Abs Cell Ref worksheet

- Items with Red Underline use absolute cell reference
- **Commission** = Sales * Commission Rate
- **Bonus** uses IF formula to check Sales versus Sales Target to determine Bonus Amount
  - LOGICAL TEST → Sales > Sales Target → TEST uses an inequality operator
  - TRUE → (Sales - Sales Target) * Bonus Rate → TRUE uses an equation (note PEMDAS)
  - FALSE → 0 → FALSE uses a static numeric value
- **Earnings** = Commission + Bonus
- **Max Earner**
  - Here you will use *nested funtions* - a function in a function to determine the top earner.
  - On the top earner's line, output the words, "Top Earner"
  - Use an IF function that uses a nested MAX function as part of its logical test.
  - *Did you remember to use absolute cell referencing so all the Max Earner cells are examining the same cell range?*

Properties - IF Intro (2) worksheet

This worksheet introduces/reinforces concept of input region that requires the use of absolute cell referencing

Low Appraisal:
- If Appraised Value is **less than** $500,000, put in a bid of Appraised *120%, otherwise output a blank cell

IF formula part	In words	In cell references
Logical Test	Appraised <$500,000	C4 < Q5
TRUE	Appraised * 120%	C4 * Q3
FALSE	Blank Cell	""

Good Value:
- If a house's calculated value per square foot is **greater than** the value cutoff level, we aren't interested and the cell should be blank. But, if it's below the value cutoff level, calculate a bid of 85% of the list price

IF formula part	In words	In cell references
Logical Test		
TRUE		
FALSE		

Style Check:
- Our buyer despises Tudor style homes (*with good reason, I might add*) and we want to avoid those. Enter an IF formula that checks the style of the home and if it is **NOT** a Tudor, output OK, and if it is, output a blank cell.
- Do not use the NOT *formula* – use the NOT *operator* (<>) instead

IF formula part	In words	In cell references
Logical Test		
TRUE		
FALSE		