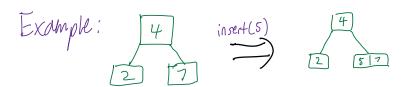
## B-Tree/2-3 Trees

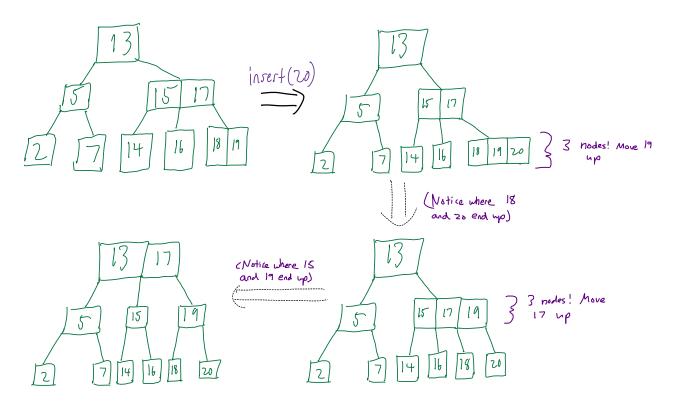
B-Trees always gnarantee balanced "bushy" tree How does it work?

When we insert an item into a tree, we attach it to the proper leaf node if the leaf node has less than 3 values (same procedure as inserting Nove into binary sewan tree but instead of attaching as hew node, attach onto existing hode).



However, if the node gets to 3 values, then we move the center value up.

## Example:



## Invariants

- [] All leaves are some historice from goot
- 1 All non-leaf nodes with K item have KH child nodes