

Wall Framing Using the Code Book Worksheet

Directions: Using the *IRC for One- and Two-Family Dwellings*, find the answers to the following questions:

1. What chapter and section numbers do you find the codes governing wall framing?
chapter: _____ section numbers: _____
2. What are the 3 minimum stud grades that can be used to frame a wall?
a. _____ b. _____ c. _____
3. How far apart (in feet) must joints in the top plates be?
a. _____
4. Under what section number will you find the code addressing the bottom or sole plate?
a. _____
5. According to Table R602.3(1) what size nails and how many of those nails must be used to end nail studs to the top and bottom plate?
quantity: _____ size: _____
6. Using the appropriate tables in section 602.3(5) find the maximum on-center spacing of 2x4 studs when supporting one floor, roof, and ceiling. Please state your answer in inches.
a. _____
7. According to Figure R602.3(1), what section will you find the provisions for drilling and notching studs?
a. _____
8. According to Figure R602.3(1), what do we call a wall that carries a load from above?
a. _____
9. According to Table R602.3.1, what is the maximum allowed height of a 2x6 stud when spaced at 16" OC and supporting only a roof? (state you answer in feet).
a. _____
10. Using the figures R602.6(1) and (2), what **percentage** of a stud's width can be bored out to allow for plumbing, electrical, etc.?
a. _____