

Construction Comprehension Test

All questions and answers are per OSHA, IBC, IPC and USA standards

1. What is the length of a precut 8' stud you get from any lumber yard in the USA? **92 5/8"**
2. When you are building a stair what is the long 2x12's that you cut the riser/tread blocks out of called? **Stringers**
3. How long is the small part (tongue) of a framing square? **16"**
4. Is a "rip" with the grain or across the grain? **With the grain**
5. How many board feet are there in a 1"x12"x6' board? **6**
6. What does the 5, in the term 5/12 pitch (slope), stand for? **Rise per foot**
7. When looking at a closed door when you are on the side (opening side) where you can see the butt hinge knuckles and they are on your right, which hand of a door is this? **Left hand**
8. What is the name of the horizontal member in a cabinet faceframe? **Rail**
9. Looking at a framework is a "seat cut", a level or vertical cut? **Level**
10. Is a concrete mix with a 2" slump a stiff (dry) or wet (liquid) mix? **Dry mix**
11. What is the sum (total) of 1/4" plus 5/8"? **7/8"**
12. What are the small diamonds that are on your measuring tape every 19.2" used for? **19.2" layout**
13. How many cubic feet are there in a cubic yard? **27**
14. What is the purpose for the hook on the end of your measuring tape sliding in and out 1/16"? **inside and outside measurements**
15. What is the diameter, in inches, of a #8 piece of rebar? **1"**
16. Which is the thickest/heaviest metal stud, 22 gage or a 25 gage? **22**
17. What is the name of the vertical members in a cabinet faceframe? **styles**
18. What is the maximum grade/slope (rise per foot) for a handicap ramp? **1/12 or 8.33%**
19. Looking at a framework is a "plumb cut" a level or vertical cut? **vertical**
20. How long is a 16 penny finish nail? **3 1/2"**
21. Is a "cut" with the grain or across the grain? **Across the grain**
22. How long is the large part (body) of a framing square? **24"**
23. What do carpenters call the red lumber crayon they use? **Keel**
24. What is the framing member called on a common roof that you nail the top of the rafters to? **Ridge**
25. What are the actual planed dimensions of a 2x6? **1 1/2x5 1/2**
26. What would your tape read for the decimal 5.250"? **5 1/4"**
27. What is the circumference equation for an 8" diameter circle? **8x3.14=C**
28. What is the actual length of a 16" concrete block (cmu)? **15 5/8"**
29. What are the planed dimensions for a 1x8? **3/4x7 1/4**
30. What do the letters WHL stand for when you call out a door or window size? **Width-height-length**

