

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? _____
2. When you are building a stair what is the long 2x12's that you cut the riser/tread blocks out of called? _____
3. How long is the small part (tongue) of a framing square? _____
4. Is a "rip" with the grain or across the grain? _____
5. How many board feet are there in a 1"x12"x6' board? _____
6. What does the 5, in the term 5/12 pitch (slope), stand for? _____
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? _____
8. What is the name of the horizontal members in a cabinet faceframe? _____
9. Looking at a framework is a "seat cut", a level or vertical cut? _____
10. Is a concrete mix with a 2" slump a stiff (dry) or wet (liquid) mix? _____
11. What is the sum (total) of $1/4$ " plus $5/8$ "? _____
12. What are the small diamonds that are on your measuring tape every 19.2" used for? _____
13. How many cubic feet are there in a cubic yard? _____
14. What is the purpose for the hook on the end of your measuring tape sliding in and out 1/16"? _____
15. What is the diameter, in inches, of a #8 piece of rebar? _____
16. Which is the thickest/heaviest metal stud, 22 gage or a 25 gage? _____
17. What is the name of the vertical members in a cabinet faceframe? _____
18. What is the maximum grade/slope (rise per foot) for a handicap ramp?

19. Looking at a framework is a "plumb cut" a level or vertical cut? _____
20. How long is a 16 penny finish nail? _____
21. Is a "cut" with the grain or across the grain? _____
22. How long is the large part (body) of a framing square? _____
23. What do carpenters call the red lumber crayon they use? _____
24. What is the framing member called on a common roof that you nail the top of the rafters to? _____
25. What are the actual planed dimensions of a 2x6? _____
26. What would your tape read for the decimal **5.250**? _____
27. What is the circumference equation for an 8" diameter circle? $8 \times \underline{\hspace{1cm}} = C$
28. What is the actual length of a 16" concrete block (cmu)? _____
29. What are the planed dimensions for a 1x8? _____
30. What do the letters NHL stand for when you call out a door or window size? _____

