Name _____

Date_____

Unit Test Review for Module 27105-06

1. What is the name of the type of construction where each floor of a structure is built as an individual unit (Page 5.2, Section 2.1.0)?

2. Why is balloon frame construction rarely used today (Page 5.4, Section 2.3.0)?

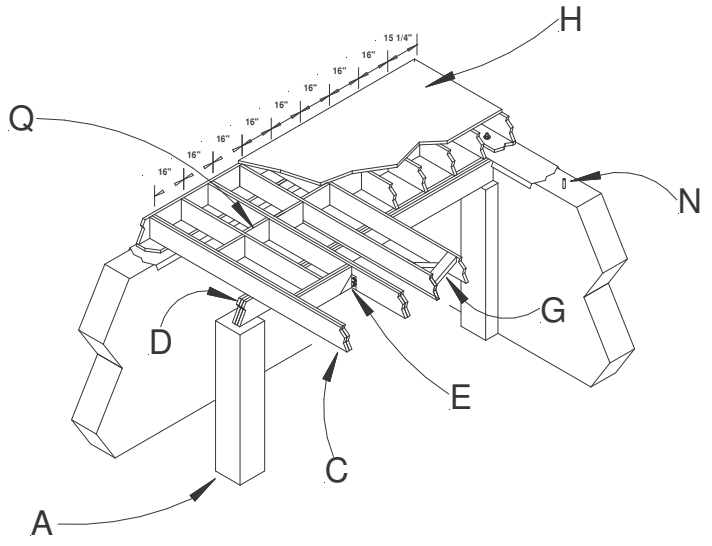
3. What architectural drawings have information relevant to building the floor assembly (Page 5.7-11, Section 3.1.1-3.2.0)?

4. What plan would most likely contain the information needed to correctly position the opening in the floor for a stairway (Page 5.7, Section 3.1.2)?

5. Where, on a set of plans, would you look for the quality of materials and methods of construction for a floor assembly (Page 5.12, Section 3.4.0)?

6. What type of lumber are floor sills are normally made from (Page 5.12, Section 4.1.0)?

Refer to the illustration of a floor cut-away to answer the following questions.



7. What is the framing member that the letter H is pointing to (Page 5.13, Section 4.0.0 Figure 6)?

8. What is the framing member that the letter C is pointing to (Page 5.13, Section 4.0.0 Figure 6)?

9. What is the framing member that the letter G is pointing to (Page 5.13, Section 4.0.0 Figure 6)?

10. What is the framing member that the letter N is pointing to (Page 5.13, Section 4.0.0 Figure 6)?

11. What is the framing member that the letter Q is pointing to (Page 5.13, Section 4.0.0 Figure 6)?

12. What is the framing member that the letter E is pointing to (Page 5.13, Section 4.0.0 Figure 6)?

13. What is the framing member that the letter D is pointing to (Page 5.13, Section 4.0.0 Figure 6)?

14. What is the framing member that the letter A is pointing to (Page 5.13, Section 4.0.0 Figure 6)?

15. For a given size, what type of support has the most strength (Page 5.16, Section 4.2.4)?

16. What is the rule of thumb for constructing girder pockets (Page 5.18, Section 4.2.5)?

17. Describe how wooden joists are normally placed in relation to their centers and their crown (Page 5.20, Section 4.3.0)?

18. What does the term dead load refer to (Page 5.20, Section 4.3.0)?

19. What type of floor joist has the most strength for a given length and size (Page 5.24, Section 4.3.3)?

20. What is the interval distance that most building codes require that bridging be installed in rows between floor joists (Page 5.24, Section 4.4.0)?

21. What is underlayment (Page 5.25, Section 4.5.0)?

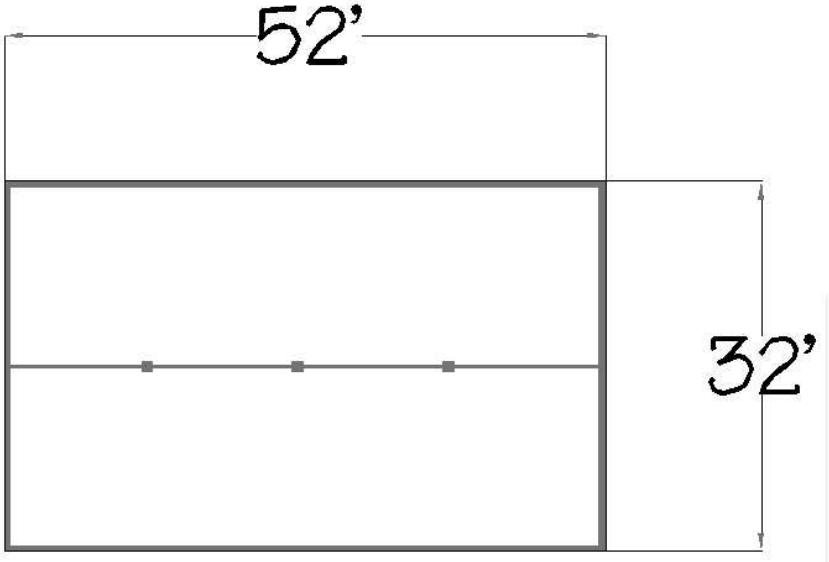
22. What type of fastener should be selected to fasten wood cross-bridging and subfloor material (Page 5.30, Section 5.3.0)?

23. What type of fastener should be selected to fasten headers to joists (Page 5.30, Section 5.3.0)?

24. What measuring tool can be used to lay out the angles of wood "X" bridging (Page 5.37, Section 5.10.0)?

25. How far apart should the nails be spaced along the edges of sheathing (Page 5.37, Section 5.10.0)?

Refer to the illustration to answer the following questions.



26. How many lineal feet of 2 X 6 sill material would be needed (Page 5.40, Section 7.1.0)?

27. How many lineal feet of 2 X 12s are needed for the beam (girder) (Page 5.40, Section 7.2.0)?

28. How many 2 X 8 joists are needed if the joists are spaced 16" OC (Page 5.40, Section 7.3.0)?

29. How many lineal feet of 2 X 8s are needed for the joist headers (Page 5.40, Section 7.3.0)?

30. How many lineal feet of 2 X 8s are needed for solid bridging (Page 5.41, Section 7.4.0)?

31. How many 4' X 8' panels of subflooring are needed (Page 5.41, Section 7.5.0)?