1. The following list details some of the jobs that must be performed to renovate the exterior of an old house. Place them in a logical order.
   A. Repair or replace windows.
   B. Demolish construction that is to be changed and dispose of the debris.
   C. Repair or replace the roof.
   D. Perform all structural work, proceeding from the bottom up.
   E. Stain or prime wood siding.
   F. Paint.
   G. Caulk, glaze, and putty.
   H. Regrade the site and provide drainage away from the house.

2. Describe what is being done in the illustration below.
3. When remodeling requires changes in the structure of a building, the carpenter should attempt to ____ the type of framing originally used.

4. Identify the parts of a balloon frame, as shown in the illustration below.

![Balloon Frame Diagram]

5. When remodeling work includes excavating, the plans should include the location of ____ utility services.

6. For the rapid removal of lath and drywall, many carpenters use a(n) ____.
   A. reciprocating saw
   B. garden spade
   C. rip chisel
   D. wrecking bar

7. Shoring must be erected before removing a bearing wall. Which one of the following statements is not an indication that the wall is load bearing?
   A. Overhead joists are spliced over the wall.
   B. The wall runs parallel to an outside wall.
   C. The wall runs at right angles to overhead joists.
   D. The wall runs lengthwise down the middle of the building.

8. Loads on headers and beams are calculated by using average weights for various areas of a home, as shown in the table below. The load per square foot for a low attic area is _____. The load per square foot for second floor areas is _____.

<table>
<thead>
<tr>
<th>Average weight of house by area</th>
<th>Load/square foot</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Unit</strong></td>
<td></td>
</tr>
<tr>
<td>Roof</td>
<td>40 lb.</td>
</tr>
<tr>
<td>Attic (low)</td>
<td>20 lb.</td>
</tr>
<tr>
<td>Attic (full)</td>
<td>30 lb.</td>
</tr>
<tr>
<td>Second floor</td>
<td>30 lb.</td>
</tr>
<tr>
<td>First floor</td>
<td>40 lb.</td>
</tr>
<tr>
<td>Wall</td>
<td>12 lb.</td>
</tr>
</tbody>
</table>

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9. Headers are used to carry the load over an opening in a bearing wall. The short studs that support the header are called _____.

10. Identify the framing members in the following illustration.

   A. 
   B. 
   C. 
   D. 
   E. 
   F. 
   G. 

11. The drawing below shows one method of supporting ceiling joists with a concealed header. The metal devices used for this construction are called _____.

12. True or False? Jamb clips should be fastened to the doorjamb and then the assembly should be installed in the rough opening.

13. In a direct-gain passive solar system, a masonry wall is often used to store heat from the sun. For a large expanse of glass, about ____ of masonry is required for every square foot of south-facing glass.
   A. 50 lb.
   B. 100 lb.
   C. 150 lb.
   D. 200 lb.
14. Older homes can be retrofitted with structures that provide a method of collecting solar heat. The illustration below shows two adaptations known as ____ units.

15. True or False? New OSHA fall regulations allow residential carpenters and contractors to draw up their own fall protection plans.