

### Roof Framing Test

Directions: Fill in the missing words in each sentence using the word bank. Each term will be used once.

1. The end of the rafter that extends beyond the seat-cut is known as the \_\_\_\_\_, and makes up the eave, or overhang of the roof.

2. The angle, or slope of a roof is referred to as the \_\_\_\_\_, which is noted as the inches of vertical rise over 12 inches of horizontal run.

3. This horizontal framing member forms the peak of the roof. It is what we nail the top of the rafters to. It is the \_\_\_\_\_.

4. The Bird's Mouth, or \_\_\_\_\_ is the point where a rafter attaches to the double top plate of a wall.

5. The roof framing equivalent of the stud, the \_\_\_\_\_ is the primary load-bearing member of a conventionally stacked roof.

6. \_\_\_\_\_ and \_\_\_\_\_ are ways we create triangulation (thus greater strength) in conventionally stacked roofs.

7. We make a \_\_\_\_\_ at the top of a rafter where it is to be nailed to the ridge.

8. The two types of roof framing used in residential construction are the \_\_\_\_\_ and the \_\_\_\_\_.

9. Twisting, bending, or pulling forces are referred to as \_\_\_\_\_ forces.

Conventional stack
Ridge
Collar ties
Gang-nail plates
Truss
Compression
Seat cut
Pitch
Fink / W
Tail
Gable
Plumb cut
Chords
Tension
Hip
Rafter
Ceiling joists
Webs
Gussets
Scissors

10. Trusses are assembled using either metal \_\_\_\_\_, or plywood \_\_\_\_\_ to connect the joints.

11. The \_\_\_\_\_ truss is the most commonly used truss shape in residential construction.

12. The members of a truss that fit between the chords are referred to as the \_\_\_\_\_.

13. If you preferred vaulted (angled) ceilings in your home instead of flat ceilings, you would use a \_\_\_\_\_ truss.

14. The two most common **roof styles** in Southern California are the \_\_\_\_\_ and the \_\_\_\_\_.

15. The top and bottom members of a truss are referred to as the \_\_\_\_\_.

16. A framing member that experiences crushing forces is said to be under \_\_\_\_\_.

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