

## Using the Code Book: Roofing

Directions: Using the *IRC for One- and Two-Family Dwellings*, find the answers to the following questions:

1. What chapter and page does roof ceiling construction begin?

Chapter: \_\_\_\_\_ Page: \_\_\_\_\_

2. What is the **minimum lap** between ceiling joist ends?

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3. Under what **section number** do we find the code governing wood truss design?

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4. Using Table R802.4(1) on page 246 what is the **maximum allowable span** for 1-2x6 Douglas-fir /Larch ceiling joists placed at 16" on center?

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5. Determine the **maximum allowable span** for a Douglas-fir/Larch select structural 2x10 placed at 24" on center that carries a dead load of 20 psf.

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6. Write out the first sentence of section R802.10.4 *Alterations to trusses*:

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7. According to figure R802.5.1, what is the **minimum angle** and spacing for 2x4 purlin support braces?

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8. What is the **table number** where we find the minimum net thickness of a given sheet of plywood for a given rafter or beam spacing?

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