Ruler Fractions #3 Consortium for Worker Education Cycle 15 Ruler Fractions #3 Consortium for Worker Education Cycle 15

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1.  $10 \frac{1}{2}$  box gauge nail penetrate a  $4 \frac{1}{2}$ " green frame?

2. 10 box gauge nail penetrate a 2 ½" dry frame?

3. 14 box gauge nail penetrate a 1" green joist?

4. 6 penny nail penetrate a 5/8" green frame?

5. 20 penny nail penetrate a 3/8" green girder?

6. 40 penny nail penetrate a 4" green girder?

7. 9 box gauge nail penetrate a 3" green joist?

8. 14 box gauge nail penetrate a 3/4" green dimension?

9. 9 common gauge nail penetrate a 4 ½" dry joist?

10.  $14 \frac{1}{2}$  box gauge nail penetrate a 3/4" dry plank?

11. 16 penny nail penetrate a 3" dry girder?

12. 3 penny nail penetrate a 3/4" green timber?

13. 8 box gauge nail penetrate a 4" dry beam?

14.  $12\frac{1}{2}$  common gauge nail penetrate a  $1\frac{1}{4}$  green timber?

15. 9 common gauge nail penetrate a 3/8" green mast?

16. 14 box gauge nail penetrate a 1  $\frac{1}{2}$ " green mast?

1. pilot hole for a 12 gauge screw?

2. pilot hole for a 6 gauge screw?

3. pilot hole for a 12 gauge screw?

4. countersink hole for a 16 gauge screw?

5. pilot hole for a 7 gauge screw?

6. countersink hole for a 12 gauge screw?

7. clearance hole for a 5 gauge screw?

8. countersink hole for a 2 gauge screw?

9. pilot hole for a 10 gauge screw?

10. countersink hole for a 4 gauge screw?

11. pilot hole for a 10 gauge screw?

12. clearance hole for a 11 gauge screw?

13. pilot hole for a 2 gauge screw?

14. clearance hole for a 12 gauge screw?

15. countersink hole for a 3 gauge screw?

16. clearance hole for a 6 gauge screw?