

## **Carpentry & Building Construction**

### **Chapter 21 Residential Doors**

#### **Section 21.1 Assessment Answers**

1. The most common type is a flat-panel or raised-panel passage door.
2. Hollow core construction consists of a light framework of wood or corrugated cardboard faced with thin plywood or hardboard.
3. A standard interior jamb is 4 9/16" wide.
4. A loose-pin butt mortise hinge.
5. Reports will vary.

#### **Section 21.2 Assessment Answers**

1. The opening should be about 2" wider and 2" higher than the door.
2. A butt-hinge marking gauge is struck with a hammer to create incised layout marks for a hinge gain while a butt hinge template guides a router to locate the gains.
3. One hinge should be placed at the top of the door, the other placed at the bottom.
4. should be bored one hole, a 7/8" hole saw, in the center of the door edge for the latch.
5. Answers will vary.

#### **Section 21.3 Assessment Answers**

1. 1 3/8" thick.
2. A pocket door slides into an opening or "pocket" inside the wall.
3. A spreader ensures that the side jambs will be a consistent distance apart.
4. To prevent the veneer from splintering when the door is trimmed, some carpenters use a site-built cutting guide.
5. The rough opening should be 7' high and 5' 2 1/2" wide.