

Carpentry & Building Construction

Chapter 32 Wall & Ceiling Surfaces

Section 32.1 Assessment Answers

1. the long dimension
2. fire-code drywall
3. setting-type compounds
4. gypsum base drywall
5. Ceiling area: $58 \times 16 = 928$ sq. ft.; Wall area: $(2 \times 58) + (2 \times 16) = 148$ feet; $148 \times 8 = 1,184$ sq. ft.; $928 + 1,184 = 2,112$ sq. ft.; $8 \times 4 = 32$ sq. ft.; $2,112 \div 32 = 66$ sheets; $66 \times \$5.55 = \366.30 . 66 sheets of drywall are needed at a cost of \$366.30.

Section 32.2 Assessment Answers

1. wood, gypsum, metal
2. A material permanently or temporarily attached to a surface to be plastered.
3. An angled length of cornered lath that is used to strengthen interior corners. It is installed at inside corners for reinforcement and to limit plaster cracks.
4. Sand float and putty finish.
5. Reports will vary.

Section 32.3 Assessment Answers

1. It covers bare joists, exposed pipes, and wiring; panels can be removed easily for access to valves, switches, and controls; it can be used to lower the ceiling level.
2. plastic or mineral board
3. Main beams, cross tees, and wall molding.
4. The mastic method and the staple method.
5. 2'-7"