

Carpentry & Building Construction

Chapter 8 Concrete as a Building Material

Section 8.1 Assessment Answers

1. Mortar or grout.
2. Small lumps formed during the manufacturing process of cement when heating changes the composition of the raw materials.
3. They are caused when the concrete surface dries too quickly.
4. An ingredient other than cement, aggregate, or water that is added to a concrete mix to change its physical or chemical characteristics.
5. Answers will vary.

Section 8.2 Assessment Answers

1. A test to measure the consistency of concrete.
2. It should be covered for at least several days after placement so it does not dry too fast.
3. It helps the concrete grip the steel.
4. Rebar, which is used most often in footings and walls, and welded-wire fabric, which is used mostly in slabs.
5. Answer: $5 \times x = 25$; $x = 5$.