

**Water Distribution - Additional Sample
Questions and Answers**

1. A 6-in. pipeline needs to be flushed. If the desired length of pipeline to be flushed is 316 ft, how many minutes will it take to flush the line at 31 gpm?

- a. 10 minutes
- b. 15 minutes
- c. 30 minutes
- d. 60 minutes: Answer: b. 15 minutes

2. What is the area of a trench that is 22.4 ft long and 3.3 ft wide?

- a. 26 sq ft
- b. 74 sq ft
- c. 143 sq ft
- d. 187 sq ft: Answer: b. 74 sq ft

3. Which of the following is typically associated with trihalomethanes?

- a. High levels of carbon dioxide in a surface water source
- b. Surface water high in inorganics
- c. Water with organics that has been chlorinated
- d. Groundwater of surface water high in inorganics: Answer: c. Water with organics that has been chlorinated

4. Which of the following mandates the language and methods for public notification?

- a. American Water Works Association
- b. National Rural Water Association
- c. US Environmental Protection Agency
- d. California State University: Answer: c. US Environmental Protection Agency

5. What is the primary source of lead in drinking water?

- a. Lakes
- b. Rivers near lead mines
- c. Corrosion of plumbing systems
- d. Groundwater: Answer: c. Corrosion of plumbing systems

6. Interior copper tubing is usually joined by

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web the reaction of an acid and a base is called a neutralization reaction although acids and bases have their own unique chemistries the acid and base cancel each other s chemistry to produce a rather innocuous substance water in fact the general reaction between an acid and a base is ce acid base water salt nonnumber

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