



Name: _____ Date: _____ Group: _____

PRE-ASSESSMENT

- 1** Fertilizers added to crops on farms can collect in runoff and enter the watershed. This problem would be reduced in areas where -
- A** crops are grown for animals as well as humans.
 - B** farms are situated on the sides of mountains.
 - C** an extended drought leads to little or no rain.
 - D** the growing season of the crops is longer.

PRE-ASSESSMENT

- 2** When fertilizers enter surface water, they cause problems in the watershed by -
- A** clogging narrow streams and preventing water from flowing properly.
 - B** increasing the amount of nutrients available to fish in lakes and streams.
 - C** causing rapid algal growth that decrease oxygen levels and choke aquatic life.
 - D** raising the water level in nearby rivers to levels leading to flooding.

PRE-ASSESSMENT

- 3** Pollutants from a factory that enter the water in a watershed will have a negative effect on which of the following?
- A** Local pond life
 - B** Rainfall rates
 - C** Direction of river flow
 - D** Available space for crops

PRE-ASSESSMENT

- 4** A neighborhood in a small Texas town had to be evacuated because the houses were sinking due to a problem in the aquifer. What is the most likely cause of this problem?
- A** Heavy rains caused oversaturation of soil foundations.
 - B** Overbuilding in the area polluted the ground water.
 - C** Runoff from fertilized land created a dead zone.
 - D** Excessive removal of water weakened the ground.

PRE-ASSESSMENT

- 5** The use of pesticides and fertilizers is carefully monitored because of the effect they can have on the environment. Which of the following is a possible negative effect of the use of these chemical on the environment?
- A** These chemicals are expensive to produce.
 - B** Runoff carries these chemicals into lakes and streams.
 - C** Storage space for these chemicals is limited.
 - D** These chemicals cannot be purchased in large bulk.