

# Knowledge Review

## Chapter 2

1. Check one. "Underwater, objects appear 33 percent \_\_\_\_ and/or \_\_\_\_."
  - a. smaller, further away
  - b. larger, closer
  
2. Check one. "Since it travels about four times faster in water than in air, you will have difficulty determining the origin of \_\_\_\_\_ underwater."
  - a. light
  - b. sound
  
3. Fill in the blank with the appropriate word: faster or slower.  
"Water conducts heat away from your body \_\_\_\_\_ than air does."
  
4. Describe what you should do if you begin shivering continuously underwater.
  
5. Of the procedures you can follow to compensate for the increased resistance of water while diving, check those listed here:
  - a. Streamline yourself and your equipment.
  - b. Avoid rapid jerky movements.
  - c. Move slowly and steadily.
  - d. Pace yourself.

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6. Check the statement that best describes the proper breathing pattern for diving.
  - a. Consistently rapid and shallow.
  - b. Consistently slow and deep.
  
7. It is easy to prevent overexertion while diving. Check the proper preventative measures listed here.
  - a. Move slowly and avoid extended strenuous activity.
  - b. Use your arms rather than your legs for propulsion underwater.
  - c. Know your physical limits.
  
8. Explain what to do if you become overexerted while diving.
  - a. Underwater:
  
  
  - b. At the surface:
  
9. Check each statement that describes a technique used for airway control:
  - a. Use your tongue as a splash guard by placing the tip on the roof of your mouth.
  - b. Inhale slowly.
  - c. Avoid rapid jerky movement.
  - d. Inhale cautiously.

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10. Explain why it is important not to wear a tight-fitting hood.
11. Check the appropriate answer. The most important feature of any weight system is:
- a. the size and shape of the weights.
  - b. the ease of adjustment.
  - c. a quick-release mechanism.
12. Check one. An alternate air source should be \_\_\_\_\_, so it can be quickly and easily identified by a diver needing the device.
- a. tucked under the weight belt
  - b. conspicuously marked
13. Describe where you should attach an alternate air source to your body.
14. True or False. A diving knife is used as a tool (to measure, pry, dig, cut and pound), but is not intended to be, nor should be, used as a weapon.
15. Identify the meaning of the standard hand signal illustrated here.

- a. OK? OK
- b. Distress, help
- c. Out-of-air



Name: \_\_\_\_\_ Date: \_\_\_\_\_

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16. Explain how to check for proper weighting.

17. List and describe the steps of the pre-dive safety check, and explain when you should use the check.

Student Diver Statement: I've completed this Knowledge Review to the best of my ability, and any questions I answered incorrectly or incompletely I've had explained to me, and I understand what I missed.

Name: \_\_\_\_\_ Date: \_\_\_\_\_

*You have permission to print only one copy of this Knowledge Review – to be answered by you and turned in to your instructor.*