

Knowledge Review

Chapter 4

1. A detailed log book is the proof-of-experience documentation typically requested in many dive situations. Check those listed here.
- a. for additional diver training
 - b. by dive stores when buying dive equipment
 - c. when diving at resorts or on boats

2. Explain how to prevent problems with contaminated air.

3. State the two ways divers prevent problems with oxygen.

a. _____

b. _____

4. Check each symptom related to nitrogen narcosis:

- a. impaired coordination
- b. foolish behavior
- c. joint and limb pain

5. Check one. To prevent nitrogen narcosis:

- a. skip breathe.
- b. equalize your air spaces early and often.
- c. avoid deep dives.

6. Check each symptom which may be related to decompression sickness:

- a. foolish behavior
- b. moderate tingling
- c. cherry-red lips
- d. weakness and prolonged fatigue

7. Outline the first aid procedure for assisting someone with decompression illness.

8. True or False. When using either version of the Recreational Dive Planner, you must ascend at a rate that does not exceed 18 metres/60 feet per minute. _____
9. Match the following by placing the correct letter in the blank.
- _____ Maximum depth limit for Open Water Divers
- _____ Maximum depth limit for divers with training and experience beyond the Open Water Diver level
- _____ Maximum depth limit for divers with Deep Diver training
- a. 18 m/60 ft b. 40 m/130 ft c. 30 m/100 ft
10. According to the Recreational Dive Planner, the no-decompression limit for 18 metres/60 feet is _____ minutes.
11. What is your pressure group after a dive to 12 metres/42 feet for 24 minutes?
_____ Pressure Group
12. After a dive, you are in pressure group *K*. What will your new pressure group be after a 34-minute surface interval?
_____ Pressure Group
13. A diver in Pressure Group *G* plans a dive to 17 metres/56 feet. What is the maximum allowable bottom time according to the Recreational Dive Planner?
_____ Maximum Allowable Bottom Time
14. Indicate the final pressure group upon surfacing after the following series of dives.
First dive: 16 metres/50 feet/23 min.; surface interval: 1:30.
Second dive: 10 metres/35 feet/46 min.
Final Pressure Group = _____
15. Indicate the final pressure group upon surfacing after the following series of dives.
First dive: 18 metres/60 feet/15 min.; surface interval: 1:00.
Second dive: 12 metres/40 feet/30 min.
Final Pressure Group = _____

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 _____

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