

PROBLEM 1

Your first dive of the day is to a depth of 82 feet with an ADT of 23 minutes. Your repetitive group at the end of the first dive will be _____. After 1:45 on the surface, your new repetitive group will be _____. Your second dive of the day is to a depth of 55 feet with an ADT of 18 minutes. Your repetitive group at the end of your second dive is _____.

PROBLEM 2

Your first dive of the day is to a depth of 63 feet with an ADT of 43 minutes. Your repetitive group at the end of the first dive will be _____. After _____ on the surface, your repetitive group is C. The depth of your second dive will be 45 feet. The RNT for your second dive is _____ and your AMDT is _____.

PROBLEM 3

Your first dive of the day is to a depth of 75 feet with an ADT of 26 minutes. After 45 minutes on the surface, your new repetitive group is _____. The depth of your second dive will be 65 feet. The AMDT for the second dive is _____ and your RNT is _____. With an ADT of 10 minutes, your new repetitive group is _____.

PROBLEM 4

Your first dive of the day is to a depth of 100 feet. You made an error in judgement and ended up with an ADT of 26 minutes. You now have to do a decompression stop at _____ feet for _____ minutes. After 4 hours on the surface, your new repetitive group is _____. Your second dive is to 42 feet with an ADT of 40 minutes. Your repetitive group at the end of the second dive is _____.

PROBLEM 5

Your dive plans include one dive to 80 feet and one dive to 60 feet. Your first dive should be to _____ feet. At the end of your first dive, your repetitive group is G. Your ADT for the first dive was _____. You plan to have an ADT of 20 minutes for your second dive. To avoid a decompression stop, you must spend _____ minutes on the surface between these dives. At the end of your second dive, your repetitive group is _____.

PROBLEM 6

You just surfaced after a dive for 75 feet with an ADT of 18 minutes. You spend 8 minutes on the surface and realized you dropped your dive knife. You immediately drop back down and find your knife laying in 63 feet of water. It took you 10 minutes to find your knife and ascend to 15 feet. At 15 feet you do a 3 minute safety stop. Your repetitive group after these dives is _____.

PROBLEM 7

Your first dive of the day is to 45 feet with an ADT of 65 minutes. Your repetitive group after the first dive is _____. After 2 hours on the surface, your repetitive group is _____. Your second dive is to 50 feet. Your RNT is _____ and your AMDT is _____. Your ADT is 30 minutes. How long must you remain on the surface if you want to make a third dive to 40 feet for 50 minutes? _____.

PROBLEM 8

- ❑ Two consecutive dives must be separated by a minimum of _____ minutes to be considered repetitive dives. Otherwise they will be considered one dive.
- ❑ Two dives must be separated by a minimum of _____ hours to be considered single dives.
- ❑ After diving, divers must wait a minimum of _____ hours before flying. Decompression stops and safety stops must be done at _____ feet.

PROBLEM 9

- ❑ You must add up your _____ and your _____ to get your TNT.
- ❑ Strict compliance with the tables will/will not guarantee avoidance of decompression sickness.
- ❑ A precautionary safety stop at 15 feet for 3 minutes should be done for all dives: true/false.

PROBLEM 10

Cadet Wannabee is diving in extremely cold water and is physically exerting himself on his dive. The maximum depth for his dive is 53 feet and his ADT is 32 minutes. Because of the cold water conditions and strenuous activity, for the purposes of using the tables and planning for his next dive, he should use _____ feet as his maximum depth and _____ minutes as his ADT.