



DIVE TABLE PROBLEMS

Sport Diving Tables

1. What is the repetitive group letter for a dive to:
 - a. 60' for 50 minutes? _____
 - b. 57' for 45 minutes? _____
 - c. 63' for 38 minutes? _____
 - d. 47' for 55 minutes? _____
2. What are the repetitive group letters for a dive to 70' for 40 minutes, a two hour surface interval, followed by a dive to 50' for 40 minutes?
3. What are the repetitive group letters for a dive to 73' for 30 minutes, a 3:05 surface interval, followed by a dive to 57' for 30 minutes?
4. What are the repetitive group letters for a dive to 66' for 40 minutes, a three hour 30 minute surface interval, followed by a dive to 57' for 30 minutes?
5. What are the repetitive group letters and minimum surface interval for a dive to 85' for 20 minutes followed by a repetitive dive to 57' for 40 minutes?
6. A diver plans a dive to 77' for 30 minutes, a two hour 10 minute surface interval, and a repetitive dive to 55' for 35 minutes? What are the repetitive group letters? Can the diver dive this plan? If he can not, what are the alternatives allowing the second dive?
7. A diver plans three dives. The first is to 83' for 20 minutes, the second to 65' for 30 minutes, the third to 43' for 40 minutes. What are the repetitive group letters and minimum surface intervals between dives?
8. A diver plans four dives. The first is to 90' for 20 minutes, the second to 57' for 30 minutes, the third to 45' for 40 minutes, and fourth to 35' for 50 minutes. What are the repetitive group letters and minimum surface intervals between dives?
9. What are the repetitive group letters and minimum surface interval for a dive to 50' for 50 minutes followed by a repetitive dive to 90' for 15 minutes?
10. What are the repetitive group letters and minimum surface interval for a dive to 90' for 15 minutes followed by a repetitive dive to 50' for 50 minutes?
11. A diver plans two wall dives. The first is to 80' for 30 minutes, a 1:30 surface interval, and the second to 45' for 40 minutes. Thirty minutes into the second dive, the diver notices that the maximum depth indicator on the depth gauge shows slightly over 60 feet. Should he terminate the dive at this point? What special ascent procedures/stops must the diver make?