

RDP TABLE QUESTIONS:

1. What is the no-decompression limit for a dive to 18 metres ?
2. What is your pressure group after a dive to 14 metres for 24 minutes ?
3. After a dive you are in pressure group K. What will be your new pressure after a 34 minute surface interval ?
4. What is the "**total bottom time**" for a dive made to 24 metres for 15 minutes for a diver in pressure group D at the beginning of the dive?
5. Indicate the final pressure group upon surfacing after the following 2 dives. First dive: 18 metres for 15 minutes; surface interval: 1:00. Second dive: 12 metres for 30 minutes.
6. Indicate the final pressure group upon surfacing after the following 3 dives: First dive: 30 metres for 16 minutes. Surface interval 1:10. Second dive: 16 metres for 36 minutes. Surface interval 2:30. Third dive: 10 metres for 55 minutes.
7. A diver completes a 28 metres dive for 19 minutes. After a 58 minutes surface interval, he wants to make another dive. What is the maximum allowable depth he may attain on this second dive for 35 minutes ?
8. What is the minimum surface interval required between a dive to 18 metres for 40 minutes followed by a dive to 14 metres for 60 minutes ?
9. A diver completes a dive to 18 metres for 43 minutes. He wants to do a second dive to the same depth for 32 minutes. What is the minimum time the diver must wait to start the second dive ?

10. Imagine you do a dive to 17 metres for 47 minutes. After a 30 minute surface interval you do a second dive to 17 metres. Losing track of time, you notice your bottom time is now 25 minutes. According to the general rules, what should you do ?
- Ascend to 5 metres and stay there for 8 minutes before going to the surface; don't dive for 6 hours.
 - Stop at your current depth for 10 minutes, then go to 5 metres and stay there for 8 minutes. Don't dive for 12 hours.
 - Ascend to 5 metres and stay there for 3 minutes before going to the surface.
 - Ascend to 3 metres and stay there until you use up your air, don't dive for the next 24 hours.
11. What is the recommended time a diver needs to wait before flying after the following two dives: dive 1: 20 metres for 32 minutes. Surface interval 1:30. Dive 2: 18 metres for 21 minutes.
12. A diver plans to do three dives using minimum surface intervals. The planned profiles are: 12 metres/40 feet for 92 minutes, 33 metres/108 feet for 13 minutes and 16 metres/50 feet for 54 minutes. Arrange the dives in the appropriate order and calculate how many total minutes it will take to complete from descent of the first dive to surfacing on the last dive (you may ignore ascent time, but not required safety stop time.)

eRDPmI QUESTIONS:

13. What is the no-decompression limit for a dive to 17 metres ?
14. What is a diver's pressure group after a dive to 19 metres for 31 minutes ?
15. A diver surfaces in Pressure Group U. What is his pressure group after a 47 minute surface interval ?
16. After a dive, and a surface interval, a diver is in Pressure Group L. What is his Pressure Group after a dive to 13 metres for 37 minutes ?
17. A diver completes a dive to 20 metres for 41 minutes. He wants to do a second dive to 19 metres for 38 minutes. What is the minimum time the diver must remain on the surface in order to do the second dive ?

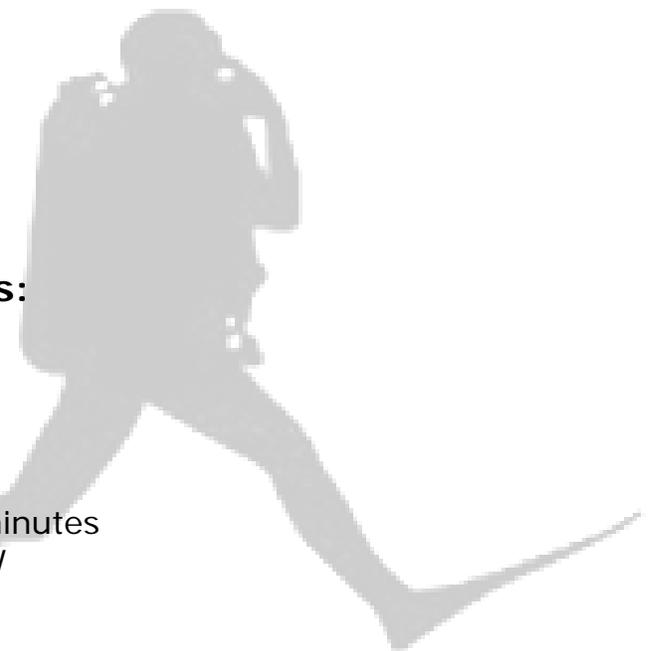
18. A diver does 3 dives. What is the diver's Pressure Group after the dives ?
Dive 1: 29 metres for 16 minutes. Surface interval: 55 minutes. Dive 2:
17 metres for 33 minutes. Surface interval 88 minutes. Dive 3: 15
metres for 51 minutes.
19. The diver in question 18 was a bit silly, and did a deeper dive after his
second surface interval – he went to 17 metres. What is his adjusted no-
decompression limit for the 3rd dive ?
20. After a dive, a diver is in pressure group G. He wants to do a second
dive to 15 metres for 53 minutes. What is the minimum time the diver
must remain on the surface in order to do the second dive ?
21. A diver wants to do a 51 minute dive. What is the maximum depth he
can dive to ?
22. A diver wants to do 1 dive at 3 different depth levels – 29, 19 and 11
metres. Using the maximum allowable limits, what will be his Pressure
Group after this dive?
23. A diver does a multilevel dive starting at a depth of 35 metres for 7
minutes, followed by 19 metres for 23 minutes, and 12 metres for 60
minutes. How long will the entire dive last according to the rules of the
RDP. You may omit ascent time, but not time for required stops (if any).
24. A diver plans a multilevel dive. The first depth is 32 meters for 11
minutes, followed by 15 minutes at 19 meters. What is the no
decompression limit for the next permitted multilevel depth?

RDP TABLE Answers:

1. 56 minutes
2. Pressure Group E
3. Pressure Group F
4. 26 minutes
5. Pressure Group K
6. Pressure Group N
7. 18 metres
8. 28 minutes
9. 43 minutes
10. A
11. At least 18 hours
12. 278 minutes

eRDPml Answers:

13. 56 minutes
14. Pressure Group N
15. Pressure Group J
16. Pressure Group V
17. 2 hours and 39 minutes
18. Pressure Group W
19. 41 minutes
20. 23 minutes
21. 18 metres
22. Pressure Group Y
23. 98 minutes
24. 61 minutes



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