

Diving Scores In Exercises 13–16, find the diver’s score. (See Example 5.)

13. Degree of difficulty: 1.7

Judges’ scores:



Judge	Russia	China	Mexico	Germany	Italy	Japan	Brazil
Score	7.0	8.5	8.5	9.0	9.5	9.0	8.5

14. Degree of difficulty: 3.6

Judges’ scores:



Judge	Russia	China	Mexico	Germany	Italy	Japan	Brazil
Score	7.0	7.5	7.0	8.5	7.5	8.0	6.5

15. Degree of difficulty: 2.4

Judges’ scores:



Judge	Russia	China	Mexico	Germany	Italy	Japan	Brazil
Score	9.0	7.5	8.0	8.5	6.5	7.0	7.5

16. Degree of difficulty: 2.6

Judges’ scores:



Judge	Russia	China	Mexico	Germany	Italy	Japan	Brazil
Score	8.0	9.5	9.5	9.0	8.5	9.0	10.0



Ski Jumping Scores In Exercises 17–20, find the score for a ski jumper with the given style points and distance. Assume the K-point is at 120 meters. (See Example 6.)

17. Style Points: 17.0, 18.5, 17.5, 17.5, 19.0 Distance: 124 meters

18. Style Points: 18.0, 19.0, 20.0, 19.5, 19.5 Distance: 130 meters

19. Style Points: 16.5, 17.0, 18.5, 17.0, 19.0 Distance: 110 meters

20. Style Points: 18.0, 19.5, 19.5, 20.0, 19.5 Distance: 115 meters