

# NEW RULES

# 2009-2012 IQ TEST

## How well do you know the new 2009-2012 racing rules?

Here is the latest version of the Racing Rules IQ Test from *Speed & Smarts!* This year's test has 100 brand new questions that are designed to find out how well you understand the new 2009-2012 edition of the rulebook.

This special IQ Test focuses on all the changes in the new rules. You can take it with an open rulebook, or if you'd like a challenge similar to what you will face on the race course, try it first without looking at the rules. Many of the test topics were covered in the last issue of *Speed & Smarts* (#104), which explained the rule changes. When you finish this test, check your answers on page 3 of this issue. We didn't have enough room for an expanded explanation of the answers here, so that will be in the next issue (#106). Good luck!

For updates on this IQ Test, go to [www.SpeedandSmarts.com](http://www.SpeedandSmarts.com) > Recent Articles > Issue 105

### TRUE or FALSE?

#### Changes in the Definitions

- 1** Whenever a boat is entitled to mark-room, this includes space to tack if that is her proper course around the mark. T F
- 2** When a racing boat is steering a course that will just miss a large obstacle, that object is not considered an obstruction. T F
- 3** A tugboat moving through the course could be considered a continuing obstruction. T F
- 4** When a boat entitled to mark-room is at the mark, she can sail her proper course. T F
- 5** Mark-room includes space for a boat to sail a seamanlike course to the mark. T F
- 6** An object that is big enough to be an obstruction for one boat might not be an obstruction for another boat. T F
- 7** A boat is not fetching a mark unless she can pass on its windward side without sailing above a closehauled course. T F
- 8** A boat that is racing is never considered to be a continuing obstruction. T F
- 9** When only a boat's spinnaker is in the zone, she is not considered to be "in the zone." T F
- 10** Two boats sailing downwind on opposite tacks are not considered to be overlapped unless they are subject to rule 18. T F
- 11** The terms clear ahead, clear astern and overlap always apply to boats that are on the same tack. T F
- 12** The zone is always circular in shape. T F
- 13** There is never a zone around an obstruction. T F
- 14** A right-of-way boat may choose to pass an obstruction on either side. T F
- 15** A boat required to give mark-room must always continue to do so until the other boat has passed the mark. T F
- 16** A leeward boat is not permitted to hail for room to tack at an obstruction if the boat to windward of her is fetching it. T F
- 17** Rule 19 (Room to pass an Obstruction) never applies at the race committee boat. T F
- 18** If two boats were overlapped when the first one entered the zone, the outside boat must thereafter give mark-room to the inside boat. T F
- 19** Rule 18 (Mark-Room) does not apply unless both boats are in the zone. T F
- 20** A boat can hail for room to tack at a mark if it is also an obstruction. T F
- 21** If one boat tacks inside the zone and a fetching boat then must change course to avoid her, the boat that tacked must take a penalty. T F
- 22** When a boat is taking mark-room to which she is entitled, she will be exonerated if she breaks rule 16 (Changing Course). T F
- 23** Rule 18 (Mark-Room) never applies at a mark that is also a continuing obstruction. T F
- 24** If one boat hails for room to tack and the hailed boat thinks the hail is too early, she is still required to respond. T F
- 25** When a port-tack boat enters the zone clear ahead of a starboard tacker, the port-tacker has the right of way until they pass the mark and rule 18 turns off. T F
- 26** When a boat gets an inside overlap from clear astern, she is never entitled to mark-room unless the outside boat has been able to give mark-room from the moment the overlap began. T F

(continued on next page)

**The new ISAF Casebook**

**27** A crewmember may not trim a sail by holding its sheet outside the boat's sheerline. T F

**28** A crewmember is not permitted to trim a sail by positioning his or her torso outside the lifelines. T F

**29** There are certain times when a boat is required to sail her proper course. T F

**30** If a boat breaks a rule but continues racing, she may protest for a separate incident later in the race. T F

**31** If B breaks a right of way rule and A loses 10 boats in the process of avoiding B, A is entitled to redress. T F

**32** When a boat gives help to a vessel in danger, she can get redress only if the other boat asked for assistance. T F

**33** If the race committee fails to make the correct recall signal, a boat cannot get redress if she knew that she was over the line early. T F

**34** The sailing instructions can be changed by verbal instructions given during the competitors' meeting. T F

**35** When a boat hits a mark, she can take her penalty turn around the mark. T F

**36** A competitor cannot protest the race committee for breaking any rule. T F

**37** The race committee is never required to file a protest against a boat. T F

**38** Rule 13 (While Tacking) turns off when a boat gets to her closehauled course even if her sails are luffing. T F

**39** Rule 16 (Changing Course) does not restrict the course of a boat that is required to keep clear. T F

**40** Whenever a boat changes course, she does not break rule 16 if she is always sailing her proper course. T F

**41** When a right-of-way boat is turning at a constant rate, the keep-clear boat must anticipate future course changes. T F

**42** One boat keeps clear of another if she avoids contact with the other boat. T F

**43** In the definition *Room*, the phrase 'seamanlike way' applies to a boat that is being handled expertly in the existing conditions. T F

**44** Class rules cannot change any rules other than the seven listed in rule 86. T F

**45** When two boats on the same tack are not overlapped, the boat clear ahead does not have to act to keep clear until the other boat gets a leeward overlap. T F

**46** A boat must do everything reasonably possible to avoid contact, including keeping a good lookout and hailing. T F

**47** A boat does not finish a race unless she sails the course properly and then crosses the finish line in the direction of the course from the last mark. T F

**Other Rule Changes**

**48** The race committee can shorten the course after the first boat has already crossed the new finishing line. T F

**49** The race committee can abandon a race after the first boat crosses the finish line. T F

**50** If you are racing and you receive outside assistance under Fundamental Rule 1 (Safety), you must retire. T F

**51** Sails that are not being used are not ballast, so they can be moved while racing. T F

**52** A boat may not sail below her proper course on a downwind leg if a leeward boat is within two lengths of her. T F



JH Peterson photo

**53** When a boat is disqualified by the jury, she can request redress from that decision. T F

**54** The sailing instructions can change a class rule unless the class prohibits this. T F

**55** In certain cases, a racing boat is permitted to interfere with a boat on another leg. T F

**56** If a boat got a leeward overlap from clear astern on the same tack, she can regain the right to luff by jibing twice. T F

**57** When a leeward boat (L) hails for room to tack at an obstruction, the windward boat (W) does not have to respond if:

- A) the boats are approaching a starting mark to start;
- B) the obstruction is a mark that W is fetching;
- C) L has to change course only slightly to avoid the obstruction;
- D) all of the above; or
- E) none of the above.

**58** When two boats of different sizes approach a mark, the zone's size is determined by the:

- A) hull length of the larger boat;
- B) hull length of the smaller boat;
- C) average hull length in the fleet;
- D) hull length of the boat that is closer to the mark; or
- E) none of the above.

**59** A boat cannot sail above her proper course when she gets a leeward overlap from astern within two hull lengths of the windward boat. Which hull length is used?

- A) average hull length in the fleet;
- B) hull length of windward boat;
- C) hull length of leeward boat; or
- D) none of the above.

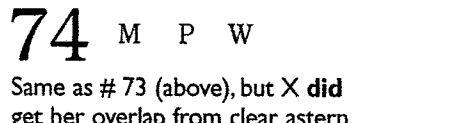
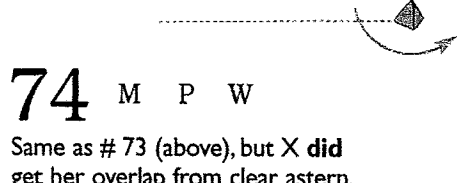
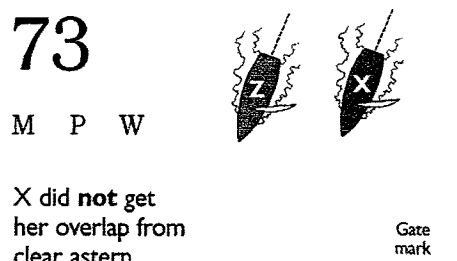
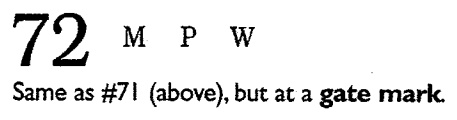
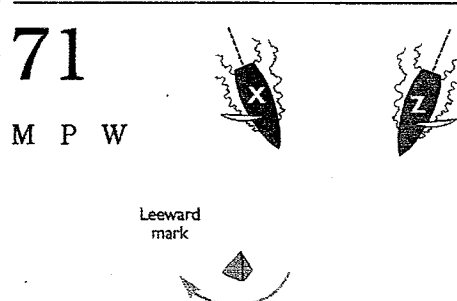
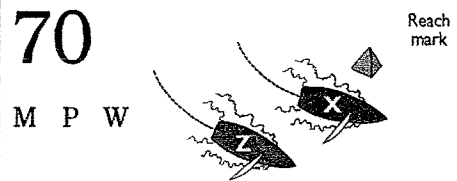
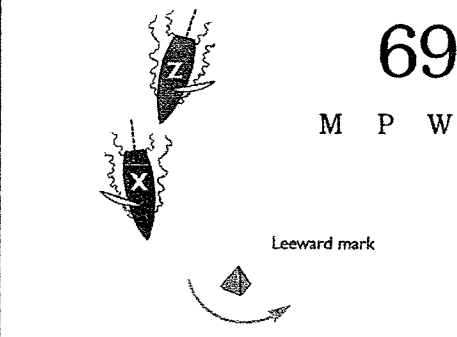
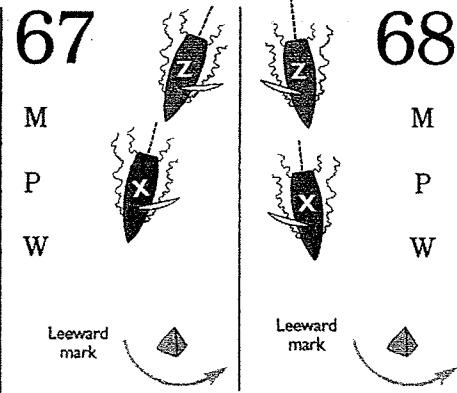
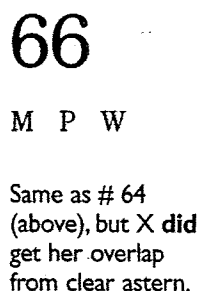
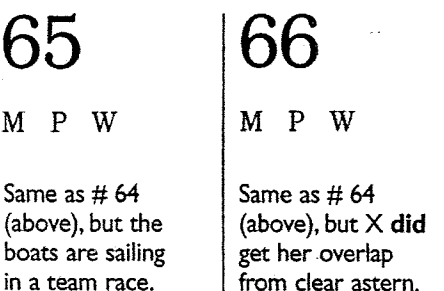
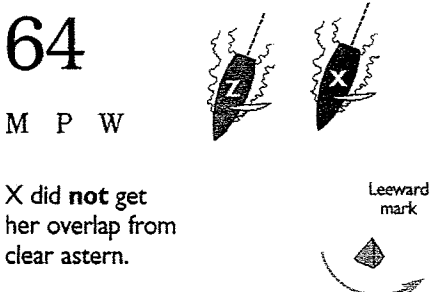
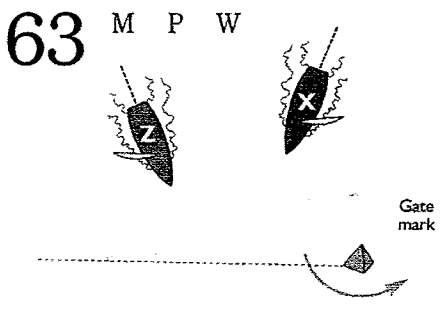
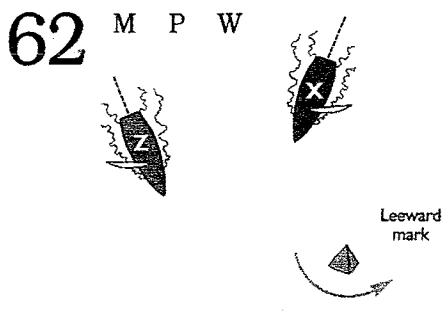
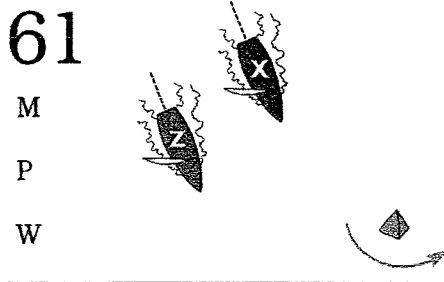
**60** A boat cannot sail below her proper course when:

- A) she is a keep-clear boat entitled to mark-room;
- B) another boat is within two lengths to leeward of her;
- C) a boat clear astern is steering a course to pass to leeward; or
- D) none of the above.

## SITUATIONS

In Situations 61 to 74, Z must give X mark-room. In each position shown: **How wide can X sail?**

**M** Mark-room ('seamanlike' course)  
**P** Proper course rounding  
**W** Wider than a proper course

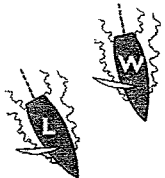


**NEW RULES IQ TEST**  
(continued from previous page)

In Situations 75 to 80 and 88 to 90, is the statement True or False? Or do you need 'More info' to know?

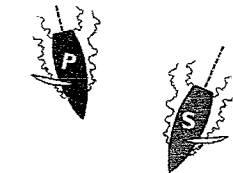
**T** True **F** False **M** More info

**75** W must keep clear of L.



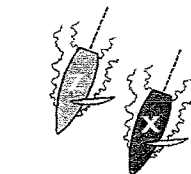
T F M

**76** S must give P mark-room.



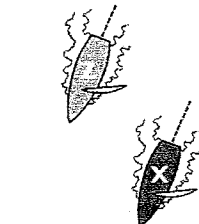
T F M

**77** Z is permitted to sail below her proper course.



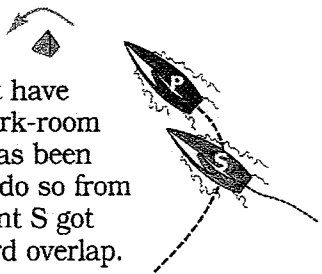
T F M

**78** X is permitted to sail above her proper course.



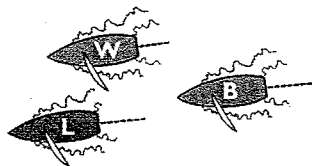
T F M

**79** P does not have to give mark-room to S if P has been unable to do so from the moment S got her leeward overlap.



T F M

**80** If B gets a leeward overlap on W, she's entitled to room between W and L if W is able to give room from the moment her overlap begins.



T F M

**FILL IN THE BLANKS**

For Questions 81-87, fill in the blanks with the correct number of hull lengths:

0 1 2 3 4 5 or D (Doesn't apply)

**81** In fleet racing, the zone around a mark is normally a distance of \_\_\_\_\_ hull length(s).

**82** The sailing instructions may change the zone to \_\_\_\_\_ or \_\_\_\_\_ hull length(s).

**83** In match racing and team racing, the size of the zone is \_\_\_\_\_ hull length(s).

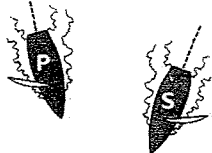
**84** The zone at an obstruction is normally a distance of \_\_\_\_\_ hull length(s).

**85** On a downwind leg, a windward boat cannot sail below her proper course when a leeward boat is within \_\_\_\_\_ hull length(s).

**86** An object is an obstruction if it would cause a boat to make a substantial change of course when she is sailing directly at it and \_\_\_\_\_ hull length(s) away.

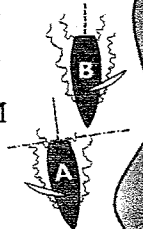
**87** A boat may not sail above her proper course when she gets a leeward overlap from clear astern within \_\_\_\_\_ hull length(s) of a boat on the same tack.

**88** P and S are considered to be overlapped.  
T F M

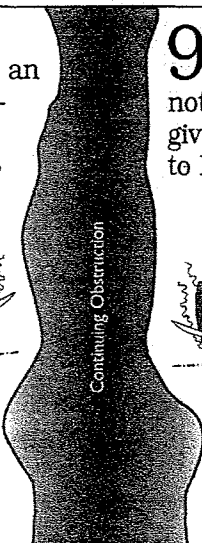


**89** If B gets an inside overlap, A does not have to give room.

T F M



**90** A does not have to give room to B here.



For Questions 91 to 100, which of the following rules apply?

- 18** Mark-Room
- 19** Room to Pass an Obstruction
- N** Neither 18 nor 19
- B** Both 18 and 19

In each situation, assume both boats are • in the same race • overlapped on the same tack and • at least one is within three lengths of the mark or obstruction.

**Two boats are approaching . . .**

**91** . . . the stern of the race committee boat 6 minutes before the start. Rule \_\_\_\_\_

**92** . . . the stern of the race committee boat 20 seconds before the start. Rule \_\_\_\_\_

**93** . . . the pin end of the starting line three minutes before the start. Rule \_\_\_\_\_

**Two closehauled boats on port tack approach . . .**

**94** . . . an anchored power boat in the middle of the course. Rule \_\_\_\_\_

**95** . . . an anchored power boat that is the windward mark. Rule \_\_\_\_\_

**96** . . . a racing boat that is on starboard tack. Rule \_\_\_\_\_

**97** . . . a starboard-tack racing boat and the leeward boat hails for room to tack. Rule \_\_\_\_\_

**Two boats reach alongside . . .**

**98** . . . a shoreline on their windward side. Rule \_\_\_\_\_

**99** . . . a third boat overlapped to leeward. Rule \_\_\_\_\_

**100** . . . the rocky shore of an island that is also their windward mark. Rule \_\_\_\_\_

The IQ TEST ANSWERS are on page 3. Extended answers will be included in Issue 106.

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# **IQ TEST** Answers

*Here are the answers to the Racing Rules IQ Test on pages 9 to 12 of this issue. Each answer will be explained in the next issue (#106).*

1. False 2. False 3. False 4. True 5. True 6. True  
7. False 8. True 9. True 10. False 11. True 12. False  
13. False 14. True 15. False 16. False 17. False  
18. True 19. False 20. True 21. False 22. False  
23. True 24. True 25. False 26. False 27. False  
28. True 29. False 30. True 31. False 32. False  
33. True 34. False 35. True 36. True 37. False  
38. True 39. True 40. False 41. False 42. False  
43. False 44. True 45. True 46. True 47. False  
48. False 49. True 50. True 51. False 52. False  
53. False 54. False 55. True 56. True 57. A 58. D  
59. C 60. D 61. M 62. P 63. W 64. P 65. W 66. P  
67. W 68. W 69. M 70. P 71. M 72. M 73. W  
74. P 75. True 76. More info 77. True 78. More info  
79. False 80. True 81. 3 82. 2, 4 83. 2 84. D 85. D  
86. 1 87. 2 88. True 89. False 90. More info 91. 19  
92. N 93. N 94. 19 95. 18 96. 19 97. N 98. 19  
99. 19 100. 19      Your score \_\_\_\_\_