

# Battleship (game)

**Battleship** (also **Battleships** or **Sea Battle**<sup>[1]</sup>) is a strategy type guessing game for two players. It is played on ruled grids (paper or board) on which each player's fleet of ships (including battleships) are marked. The locations of the fleets are concealed from the other player. Players alternate turns calling "shots" at the other player's ships, and the objective of the game is to destroy the opposing player's fleet.

*Battleship* is known worldwide as a pencil and paper game which dates from World War I. It was published by various companies as a pad-and-pencil game in the 1930s, and was released as a plastic board game by Milton Bradley in 1967. The game has spawned electronic versions, video games, smart device apps and a film.

	A	B	C	D	E	F	G	H	I	J
1										
2										
3										
4										
5										
6										
7										
8										
9										
10										

A map of one player's ships and the hits against them, from a game in progress. The grey boxes are the ships placed by the player, and the cross marks show the squares that their opponent has fired upon. The player would be tracking the success of their own shots in a separate grid.

<b>Contents</b>
<b>History</b>
<b>Description</b>
<b>Variations</b>
<b>See also</b>
<b>References</b>
<b>External links</b>

## History

The game of *Battleship* is thought to have its origins in the French game *L'Attaque* played during World War I, although parallels have also been drawn to E. I. Horsman's 1890 game *Basilinda*,<sup>[2]</sup> and the game is said to have been played by Russian officers before World War I.<sup>[3]</sup> The first commercial version of the game was *Salvo*, published in 1931 in the United States by the Starex company. Other versions of the game were printed in the 1930s and 1940s, including the Strathmore Company's *Combat: The Battleship Game*, Milton Bradley's *Broadsides: A Game of Naval Strategy* and Maurice L. Freedman's *Warfare Naval Combat*. Strategy Games Co. produced a version called *Wings* which pictured planes flying over the Los Angeles Coliseum. All of these early editions of the game consisted of pre-printed pads of paper.<sup>[2]</sup>

In 1967 Milton Bradley introduced a version of the game that used plastic boards and pegs. Conceived by Ed Hutchins, play was on pegboards using miniature plastic ships. In 1977, Milton Bradley also released a computerized *Electronic Battleship*,<sup>[4]</sup> Electronic Battleship was designed by Dennis Wyman and Bing McCoy and reputed to the first toy with a sound chip. It was followed in 1989 by *Electronic Talking Battleship*.<sup>[5]</sup> In 2008, an updated version of *Battleship* was released, using hexagonal tiles. In the updated version, each player's board contains several islands on which "captured man" figurines can be

placed. Ships may be placed only around the islands, and only in the player's half of the board. When the movie *Battleship* was released, the board game reverted to the original 1967 style. The 2008 updated version is still available as *Battleship Islands*.

*Battleship* was one of the earliest games to be produced as a computer game, with a version being released for the Z80 *Compucolor* in 1979.<sup>[2][6]</sup> Many computer editions of the game have been produced since. In *Clubhouse Games* for the Nintendo DS, *Battleship* is known as *Grid Attack*. It is played on an 8×8 grid, and includes slight variations, such as 4-player gameplay, and various ship sizes and shapes. Versions of *Battleship* appear as applications on numerous social networking services.

*Battleship* was also part of *Hasbro Family Game Night* for the PlayStation 2 and Wii, as well as the Xbox 360 (Xbox Live Arcade). These alter the rules, including the size of the grid (8×12 in the NES version, 8×8 in the Game Boy version), size of ships (it is common to feature a submarine that takes up a single square) and special shot missiles for each ship. For example, in the NES version the cruiser has a five-shot missile which strikes five squares in an X pattern on the grid in one turn. Submarine-tracking sonar and aerial *reconnaissance* to spot ships are also features.

A minigame version of *Battleship* was used in the third season of The Hub's *Family Game Night*, which uses a 5×5 grid and the first team to sink three ships wins the game.

In 2012, the *military science fiction* action movie *Battleship* was released, which was inspired by the Milton Bradley board game. A version of *Battleship* based on the movie was released in which one side had alien ship playing pieces.

## Description

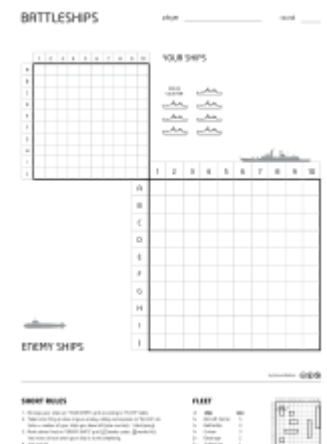
The game is played on four *grids*, two for each player. The grids are typically square – usually 10×10 – and the individual squares in the grid are identified by letter and number.<sup>[7]</sup> On one grid the player arranges ships and records the shots by the opponent. On the other grid the player records their own shots.

Before play begins, each player secretly arranges their ships on their primary grid. Each ship occupies a number of consecutive squares on the grid, arranged either horizontally or vertically. The number of squares for each ship is determined by the type of the ship. The ships cannot overlap (i.e., only one ship can occupy any given square in the grid). The types and numbers of ships allowed are the same for each player. These may vary depending on the rules.

The 1990 Milton Bradley version of the rules specify the following ships:<sup>[8]</sup>



Players in a *Battleship* tournament aboard a U.S. Navy vessel



A typical pen-and-paper version of the game, showing the large "primary" grid and the smaller "tracking" grid

No.	Class of ship	Size
1	<u>Carrier</u>	5
2	<u>Battleship</u>	4
3	<u>Cruiser</u>	3
4	<u>Submarine</u>	3
5	<u>Destroyer</u>	2

In 2002, Hasbro renamed the Cruiser as *Destroyer*, taking three squares, and substituted a new two-square ship called the *Patrol Boat*.<sup>[9]</sup>

No.	Class of ship	Size
1	<u>Carrier</u>	5
2	<u>Battleship</u>	4
3	<u>Destroyer</u>	3
4	<u>Submarine</u>	3
5	<u>Patrol Boat</u>	2

After the ships have been positioned, the game proceeds in a series of rounds. In each round, each player takes a turn to announce a target square in the opponent's grid which is to be shot at. The opponent announces whether or not the square is occupied by a ship. If it is a "hit", the player who is hit marks this on their own or "ocean" grid (with a red peg in the pegboard version). The attacking player marks the hit or miss on their own "tracking" or "target" grid with a pencil marking in the paper version of the game, or the appropriate color peg in the pegboard version (red for "hit", white for "miss"), in order to build up a picture of the opponent's fleet.

When all of the squares of a ship have been hit, the ship's owner announces the sinking of the Carrier, Submarine, Cruiser/Destroyer/Patrol Boat, or the titular Battleship. If all of a player's ships have been sunk, the game is over and their opponent wins. If all ships of both players are sunk by the end of the round, the game is a draw.<sup>[2]</sup>

## Variations

In the 1931 *Salvo* edition of the game, players target a specified number of squares at one time, and all of the squares are attacked simultaneously. A player may initially target five (one for each battleship) squares per turn, and the amount of shots decreases when one of the player's ships are lost.<sup>[3]</sup> In other variants of this mechanic, the number of shots allowed to fire each turn may either be fixed at five for the whole game, be equal to the number of unsunk ships belonging to the player, or be equal to the size of the player's largest undamaged ship.<sup>[2]</sup> The opponent may either call the result of each shot in turn, or simply announce the hits or misses. E.g: "two hits and three misses", leaving their opponent to work out the consequences of the salvo.<sup>[2]</sup> In the modern Milton Bradley rules for *Battleship*, *Salvo* is listed as a variation "for more experienced players", with the number of shots being equal to the number of ships that the firing player has remaining.<sup>[8]</sup>

One variant of Battleship allows players to decline to announce that a ship has been sunk, requiring their opponent to take further shots in order to confirm that an area is clear.<sup>[2]</sup> Another variant of the rule allows a player to move one of their ships to a new, uncalled location every fourth or fifth move.<sup>[2]</sup>

Another variant allows multiple players and allow different shapes for the ships as long as each square of a ship touches at least one other square of that ship.<sup>[10]</sup>

A variant popular in the United Kingdom is for each player to also have 5 mines. These occupy 1 square each and are placed on the board in the same manner as the ships. When a player's guess hits a mine on an opponent's board it destroys anything in that square and the 8 immediately surrounding squares on the board of the player making the guess.

## See also

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- BattleFleet* (game series)
- Battleship* (1993 video game)
- Battleship* (film)
  - Battleship* (2012 video game), a tie-in to the film above
- Battleship (puzzle)
- Battleships* (video game)
- Electronic Battleship: Advanced Mission*
- Mugwump*, a 1973 computer game

## References

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- Hinebaugh, Jeffrey P. (2009). *A Board Game Education*. R&L Education. ISBN 9781607092605.
- "Salvo Is New Game With a Nautical Air" (<https://news.google.com/newspapers?nid=1499&dat=19310701&id=QKtQAAAAIBAJ&pg=3803,4154106>). *The Milwaukee Journal*. 1 July 1931. Retrieved 18 February 2013.
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- "Electronic Talking Battleship" (<http://www.boardgamegeek.com/boardgame/4781>). *BoardGameGeek*.
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- "Salvo - Complete Rules for Battleships Game" (<http://boardgames.about.com/od/salvo/a/rules.htm>).
- "Battleship Rules" (<http://www.hasbro.com/common/instruct/battleship.pdf>) (PDF). Hasbro. Retrieved 18 February 2013.
- [https://www.hasbro.com/common/instruct/BattleShip\\_\(2002\).PDF](https://www.hasbro.com/common/instruct/BattleShip_(2002).PDF)
- <https://www.youtube.com/watch?v=-6U7XKG1Dps>

## External links

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- Battleship Official Hasbro Rules ([http://www.hasbro.com/common/instruct/BattleShip\\_\(2002\).PDF](http://www.hasbro.com/common/instruct/BattleShip_(2002).PDF)) – Rulebook insert for *Battleship* (2002 version)
  - Battleship (<https://www.boardgamegeek.com/boardgame/2425>) at BoardGameGeek
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