

In a **Minesweeper** puzzle, the goal is to locate all of the mines in a grid of squares. Some of the empty squares in the grid contain a mine. Numbers within the grid give the total mines in the empty squares that surround the number (left, right, above, below, and diagonally).

**PRACTICE** | Solve each Minesweeper puzzle below.

1.

|   |  |   |   |
|---|--|---|---|
|   |  |   |   |
| 5 |  |   | 5 |
|   |  |   |   |
| 2 |  | 4 |   |

2.

|   |   |   |  |
|---|---|---|--|
| 1 |   | 3 |  |
| 1 | 1 |   |  |
| 2 |   | 2 |  |
|   |   |   |  |

3.

|   |   |  |   |
|---|---|--|---|
|   |   |  | 2 |
| 3 |   |  |   |
|   | 3 |  |   |
|   | 2 |  | 3 |

4.

|   |  |   |   |
|---|--|---|---|
|   |  |   | 2 |
| 0 |  |   |   |
|   |  | 3 |   |
| 1 |  | 1 |   |

5.

|   |   |  |   |
|---|---|--|---|
| 1 |   |  | 1 |
|   |   |  | 1 |
|   | 1 |  |   |
|   |   |  | 1 |

6.

|  |   |  |   |
|--|---|--|---|
|  | 3 |  |   |
|  | 3 |  | 1 |
|  |   |  | 1 |
|  | 2 |  |   |

# Minesweeper

Practice 4B: Chapter 6, pages 72-73

**PRACTICE** | Solve each Minesweeper puzzle below.

7.

|   |   |   |   |   |
|---|---|---|---|---|
|   |   | 2 |   |   |
| 1 |   |   | 3 |   |
|   | 0 | 2 |   | 2 |
| 1 |   |   |   |   |
|   |   | 2 |   | 2 |

8.

|   |   |   |   |   |
|---|---|---|---|---|
|   | 3 |   | 3 |   |
|   |   |   |   | 2 |
|   | 3 |   | 3 |   |
|   |   | 2 | 1 |   |
| 3 |   |   |   |   |

9.

|   |   |   |   |   |
|---|---|---|---|---|
| 2 |   | 3 |   |   |
|   |   |   | 3 |   |
| 4 |   |   |   | 2 |
|   | 4 |   |   |   |
|   |   | 4 |   | 3 |

10.

|  |   |   |   |   |
|--|---|---|---|---|
|  |   |   | 4 |   |
|  | 7 |   |   |   |
|  |   | 2 |   | 2 |
|  | 3 |   | 2 |   |
|  |   |   |   | 1 |

11.

|   |   |   |   |   |
|---|---|---|---|---|
|   |   | 2 |   | 2 |
|   | 1 |   |   |   |
| 2 |   | 4 |   | 2 |
|   |   |   | 1 |   |
| 1 |   |   |   |   |

12.

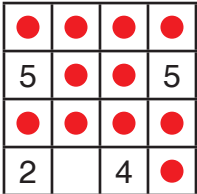
|   |   |   |  |   |
|---|---|---|--|---|
|   | 1 |   |  | 2 |
| 3 |   |   |  |   |
|   |   | 4 |  | 2 |
|   |   |   |  |   |
| 2 |   | 2 |  | 2 |

# Minesweeper Key

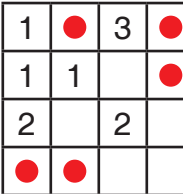
Practice 4B: Chapter 6, pages 72-73

In a **Minesweeper** puzzle, the goal is to locate all of the mines in a grid of squares. Some of the empty squares in the grid contain a mine. Numbers within the grid give the total mines in the empty squares that surround the number (left, right, above, below, and diagonally).

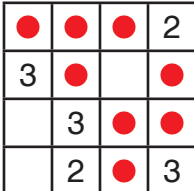
**PRACTICE** | Solve each Minesweeper puzzle below.

1.  ● = Mine

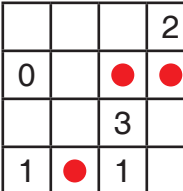
|   |   |   |   |
|---|---|---|---|
| ● | ● | ● | ● |
| 5 | ● | ● | 5 |
| ● | ● | ● | ● |
| 2 |   | 4 | ● |

2. 

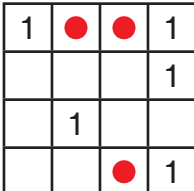
|   |   |   |   |
|---|---|---|---|
| 1 | ● | 3 | ● |
| 1 | 1 |   | ● |
| 2 |   | 2 |   |
| ● | ● |   |   |

3. 

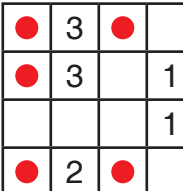
|   |   |   |   |
|---|---|---|---|
| ● | ● | ● | 2 |
| 3 | ● |   | ● |
|   | 3 | ● | ● |
|   | 2 | ● | 3 |

4. 

|   |   |   |   |
|---|---|---|---|
|   |   |   | 2 |
| 0 |   | ● | ● |
|   |   | 3 |   |
| 1 | ● | 1 |   |

5. 

|   |   |   |   |
|---|---|---|---|
| 1 | ● | ● | 1 |
|   |   |   | 1 |
|   | 1 |   |   |
|   |   | ● | 1 |

6. 

|   |   |   |   |
|---|---|---|---|
| ● | 3 | ● |   |
| ● | 3 |   | 1 |
|   |   |   | 1 |
| ● | 2 | ● |   |

**PRACTICE** | Solve each Minesweeper puzzle below.

7.

|   |   |   |   |   |
|---|---|---|---|---|
| 2 |   | 3 | ● | ● |
| ● | ● | ● | 3 |   |
| 4 | ● |   |   | 2 |
| ● | 4 | ● | ● | ● |
|   | ● | 4 | ● | 3 |

8.

|   |   |   |   |   |
|---|---|---|---|---|
| ● | ● | ● | 4 | ● |
| ● | 7 | ● |   | ● |
| ● | ● | 2 |   | 2 |
|   | 3 |   | 2 | ● |
|   |   | ● |   | 1 |

9.

|   |   |   |   |   |
|---|---|---|---|---|
|   | ● | 2 | ● | ● |
| 1 |   |   | 3 |   |
|   | 0 | 2 | ● | 2 |
| 1 |   |   | ● |   |
| ● |   | 2 | ● | 2 |

10.

|   |   |   |   |   |
|---|---|---|---|---|
| ● | 3 | ● | 3 |   |
|   |   | ● | ● | 2 |
|   | 3 |   | 3 | ● |
| ● | ● | 2 | 1 |   |
| 3 | ● |   |   |   |

11.

|   |   |   |   |   |
|---|---|---|---|---|
|   |   | 2 | ● | 2 |
|   | 1 |   | ● |   |
| 2 | ● | 4 | ● | 2 |
|   | ● |   | 1 |   |
| 1 |   |   |   |   |

12.

|   |   |   |   |   |
|---|---|---|---|---|
|   | 1 |   | ● | 2 |
| 3 | ● |   | ● |   |
| ● | ● | 4 |   | 2 |
| ● | ● |   |   | ● |
| 2 |   | 2 | ● | 2 |