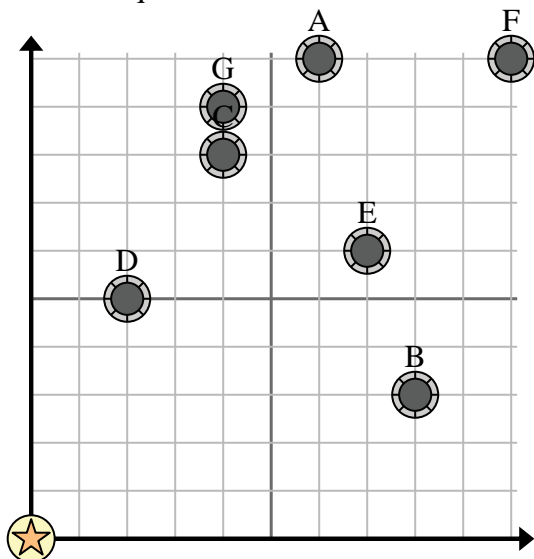**Use the grid to solve each problem.**

⬤ = Well

★ = Water Tower

☐ = 1 Square Mile

1) A new law says you can't build a well within 2 miles a pre-existing well. If you wanted to build a well 2 miles east and 4 miles north of the water tower, would you be allowed to?

2) Which well is closest to the water tower?

3) Which well is furthest from the water tower?

4) Which well is further west? Well G or well C?

5) If you were to go 4 miles east and 9 miles north from the water tower which well would you end up at?

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____

6) A new ship wanted to fish, but the captain wanted to make sure they were at least 2 miles from another ship. If he sailed 9 miles east and 6 miles north would that spot suit him?

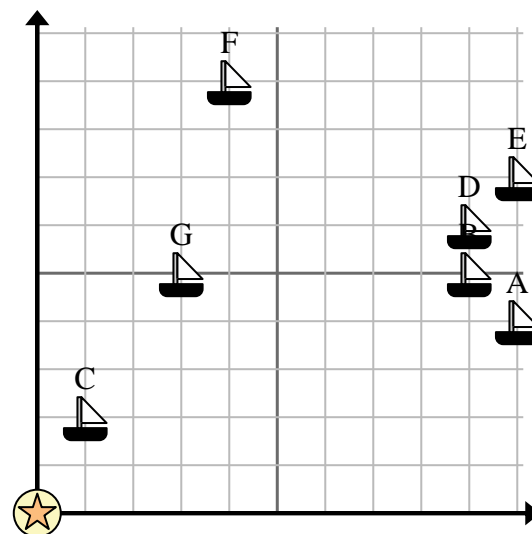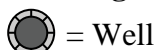**7)** Which ship is closest to the buoy?

8) Which ship is furthest from the buoy?

9) Which ship is further north? Ship C or ship G?

10) Which ship is 9 miles east and 6 miles north from the buoy?

⛵ = Ship

★ = Buoy

☐ = 1 Square Mile

Math

Name: **Answer Key**
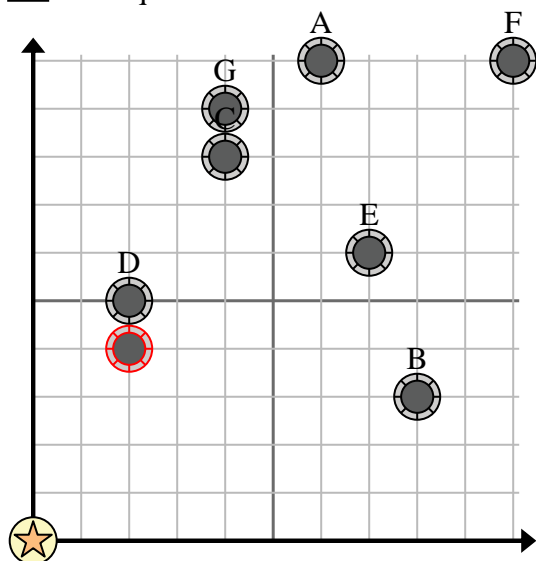
Use the grid to solve each problem.

⬤ = Well

★ = Water Tower
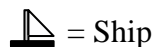
☐ = 1 Square Mile

1) A new law says you can't build a well within 2 miles a pre-existing well. If you wanted to build a well 2 miles east and 4 miles north of the water tower, would you be allowed to?

2) Which well is closest to the water tower?

3) Which well is furthest from the water tower?

4) Which well is further west? Well G or well C?

5) If you were to go 4 miles east and 9 miles north from the water tower which well would you end up at?
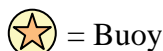
Answers

1. **no**
2. **D**
3. **F**
4. **A**
5. **G**
6. **no**
7. **C**
8. **E**
9. **G**
10. **D**

6) A new ship wanted to fish, but the captain wanted to make sure they were at least 2 miles from another ship. If he sailed 9 miles east and 6 miles north would that spot suit him?

7) Which ship is closest to the buoy?

8) Which ship is furthest from the buoy?

9) Which ship is further north? Ship C or ship G?

10) Which ship is 9 miles east and 6 miles north from the buoy?

⛵ = Ship

★ = Buoy

☐ = 1 Square Mile

1-10	90	80	70	60	50	40	30	20	10	0