

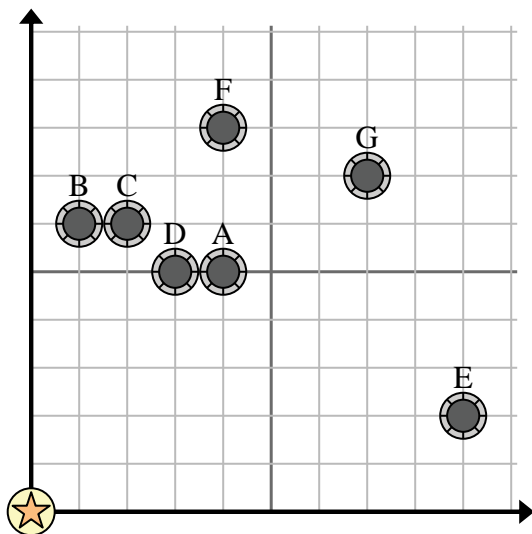


Use the grid to solve each problem.

= 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 9 miles east and 9 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 north? Well F or well E?
- 5) If you were to go 7 miles east and 7 miles north from the water tower which well would you end up at?

**Answers**

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 4 miles east and 6 miles north would that spot suit him?

= Ship

= Buoy

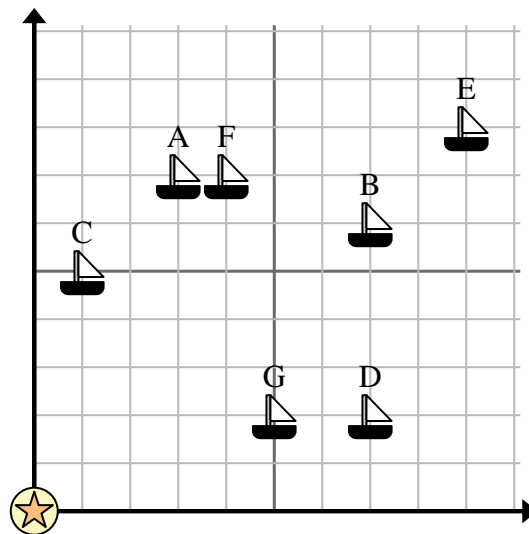
= 1 Square Mile

- 7) Which ship is closest to the buoy?

- 8) Which ship is furthest from the buoy?

- 9) Which ship is further south? Ship F or ship G?

- 10) Which ship is 7 miles east and 2 miles north from the buoy?



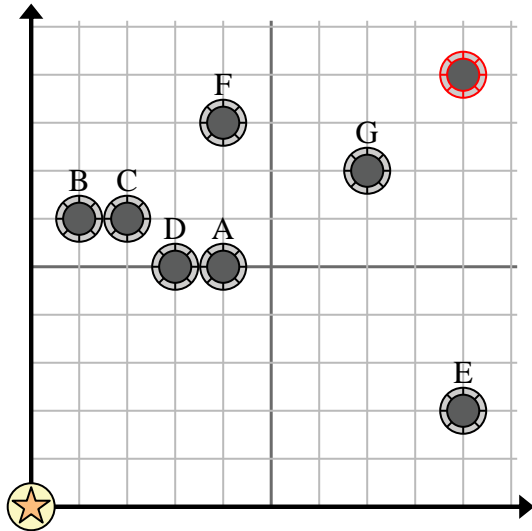


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Answers

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

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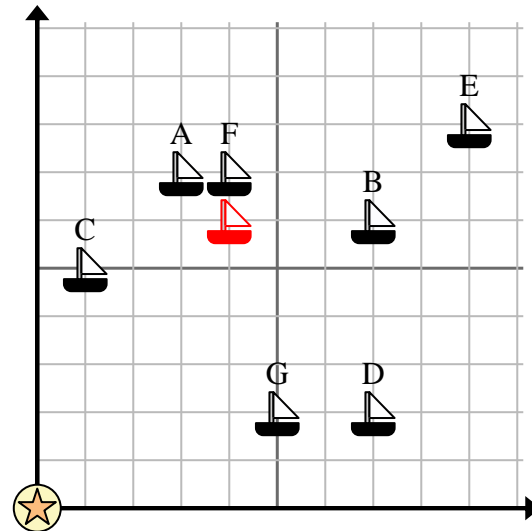
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