



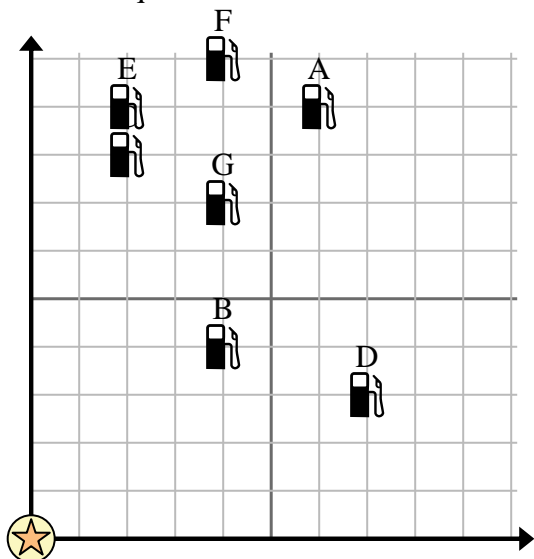


Use the grid to solve each problem.

 = Gas Station

 = Mall

 = 1 Square Mile





- 1) Investors wanted to build a new gas station, but wanted to make sure it was at least 2 miles from a pre-existing station. Should they build a gas station 2 miles east and 7 miles north of the mall?
- 2) Which gas station is closest to the mall?
- 3) Which gas station is furthest from the mall?
- 4) Which gas station is further north? Station C or Station G?
- 5) If you were to go 4 miles east and 10 miles north from the mall which gas station would you end up at?

**Answers**

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_
6. \_\_\_\_\_
7. \_\_\_\_\_
8. \_\_\_\_\_
9. \_\_\_\_\_
10. \_\_\_\_\_

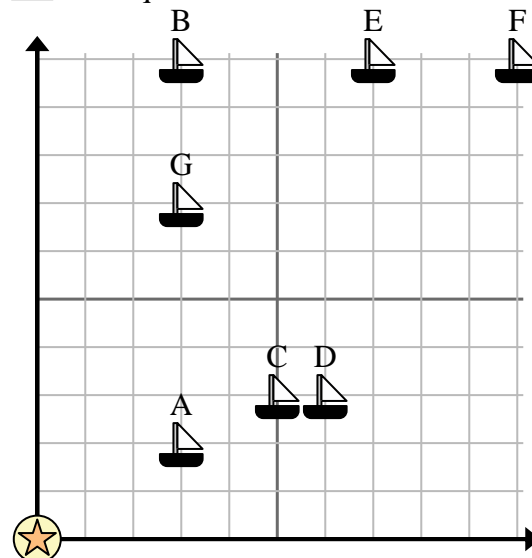
- 6) A new ship wanted to fish, but the captain wanted to make sure they were at least 2 miles from another ship. If he sailed 9 miles east and 9 miles north would that spot suit him?

 = 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 east? Ship B or ship F?
- 10) Which ship is 3 miles east and 2 miles north from the buoy?



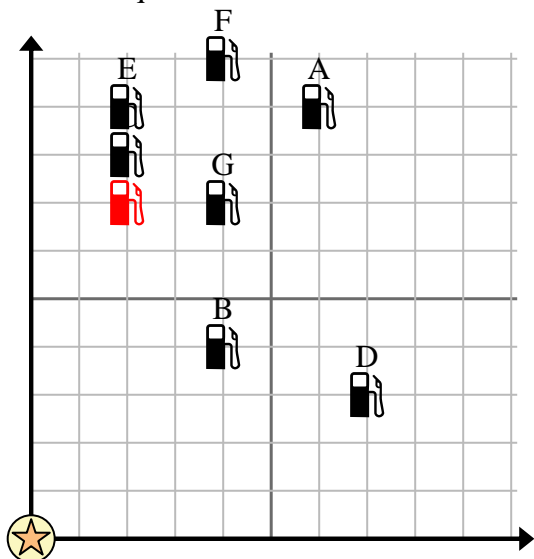


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Answers

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

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