

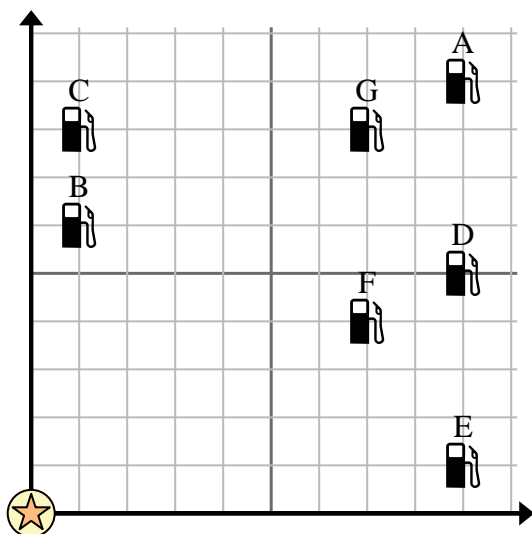




Use the grid to solve each problem.

 = 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 7 miles east and 9 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 east? Station F or Station C?
- 5) If you were to go 7 miles east and 8 miles north from the mall which gas station would you end up at?

Answers

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____



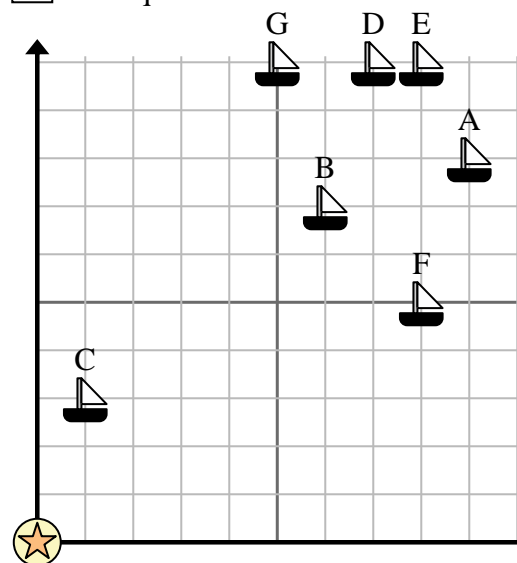
- 6) A new ship wanted to fish, but the captain wanted to make sure they were at least 2 miles from another ship. If he sailed 2 miles east and 6 miles north would that spot suit him?

- 7) Which ship is closest to the buoy?

- 8) Which ship is furthest from the buoy?



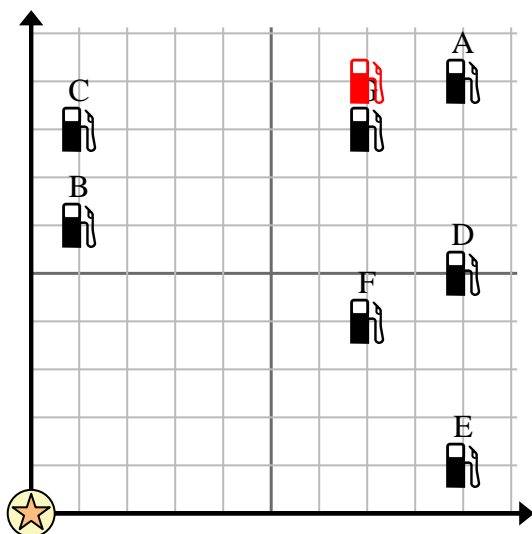
- 9) Which ship is further east? Ship G or ship F?

- 10) Which ship is 8 miles east and 5 miles north from the buoy?

 = Ship = Buoy = 1 Square Mile



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Answers

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



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