


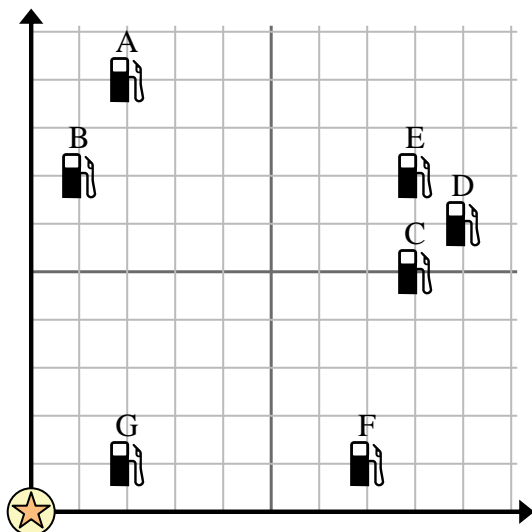




Use the grid to solve each problem.

-  = 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 8 miles east and 4 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 C or Station B?
- 5) If you were to go 8 miles east and 5 miles north from the mall which gas station would you end up at?

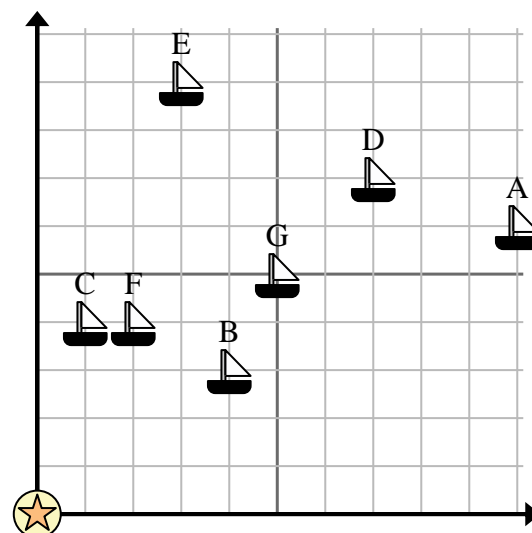
Answers

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 5 miles east and 8 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?

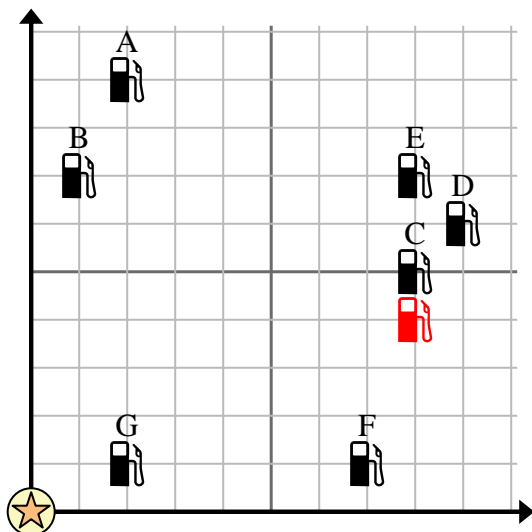


- 9) Which ship is further south? Ship G or ship F?
- 10) Which ship is 2 miles east and 4 miles north from the buoy?



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Answers

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

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