


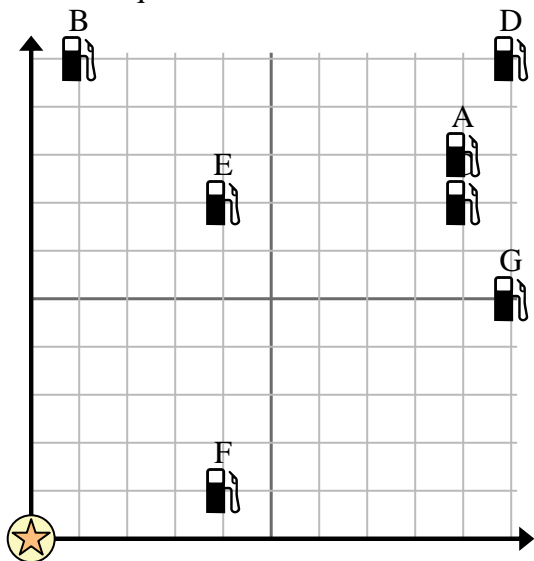




Use the grid to solve each problem.

-  = 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 east? Station E or Station G?
- 5) If you were to go 10 miles east and 5 miles north from the mall which gas station would you end up at?

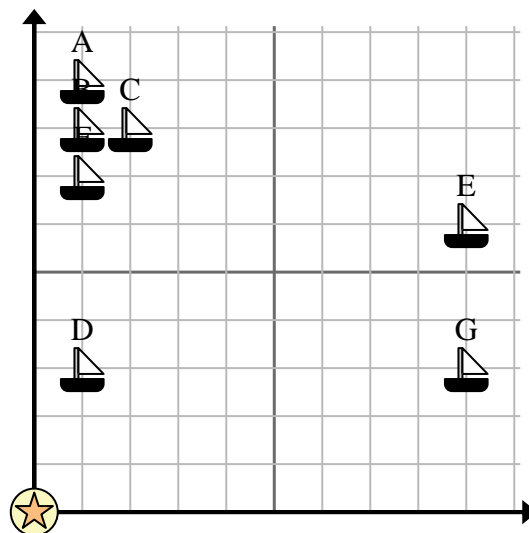
**Answers**

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 3 miles east and 5 miles north would that spot suit him?




-  = Ship
-  = Buoy
-  = 1 Square Mile

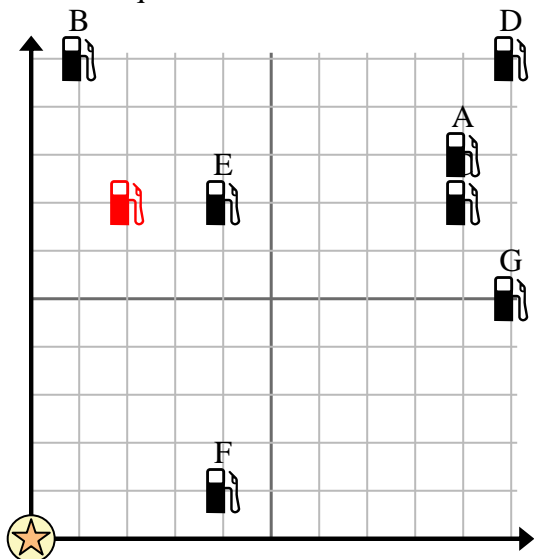
- 7) Which ship is closest to the buoy?
- 8) Which ship is furthest from the buoy?
- 9) Which ship is further west? Ship A or ship C?
- 10) Which ship is 1 miles east and 9 miles north from the buoy?





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Answers

1. yes
2. F
3. D
4. G
5. G
6. yes
7. D
8. E
9. A
10. A

- 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 3 miles east and 5 miles north would that spot suit him?

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