

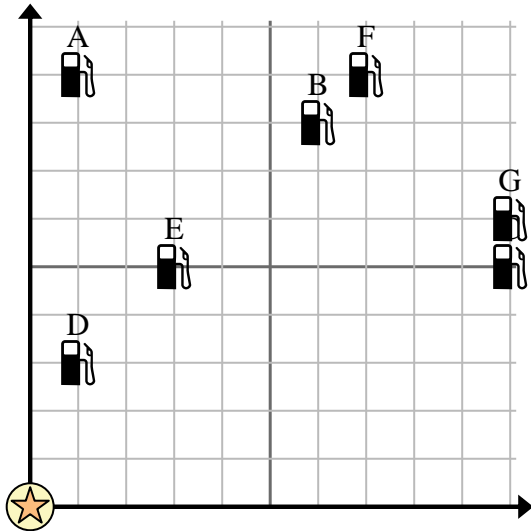


Use the grid to solve each problem.

= 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 3 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 west? Station D or Station A?
- 5) If you were to go 1 miles east and 9 miles north from the mall which gas station would you end up at?

**Answers**

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

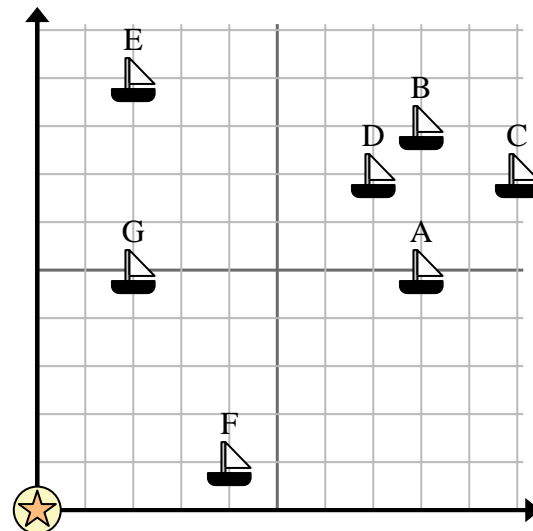
- 6) A new ship wanted to fish, but the captain wanted to make sure they were at least 2 miles from another ship. If he sailed 9 miles east and 9 miles north would that spot suit him?

= 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 west? Ship G or ship C?

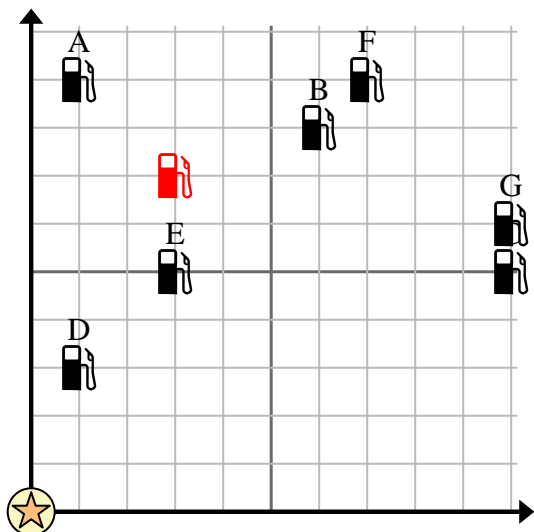


- 10) Which ship is 2 miles east and 5 miles north from the buoy?



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Answers

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

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-  = Ship
-  = Buoy
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