



Use the grid to solve each problem.



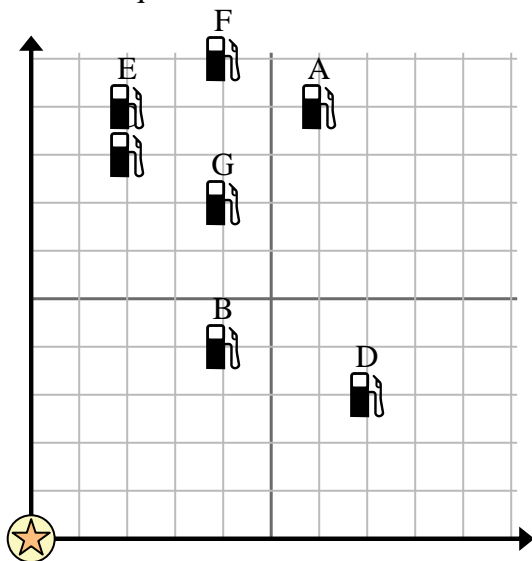
= Gas Station



= 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

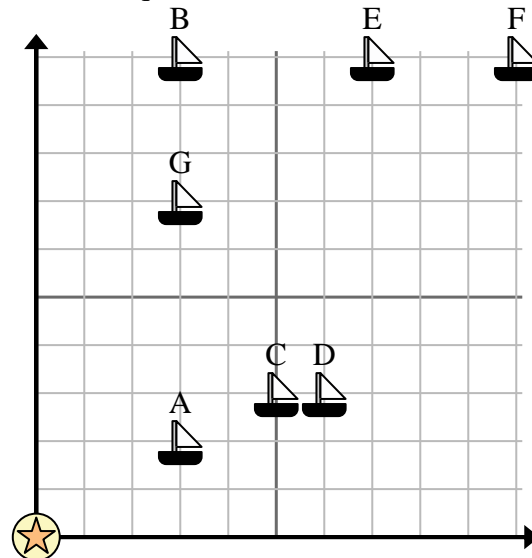


= Buoy



= 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?





Use the grid to solve each problem.



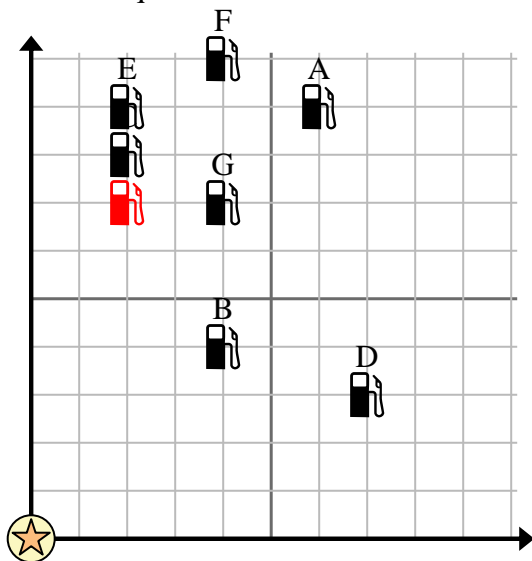
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= Mall



= 1 Square Mile



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**Answers**

- no**
- B**
- A**
- C**
- F**
- no**
- A**
- F**
- F**
- A**

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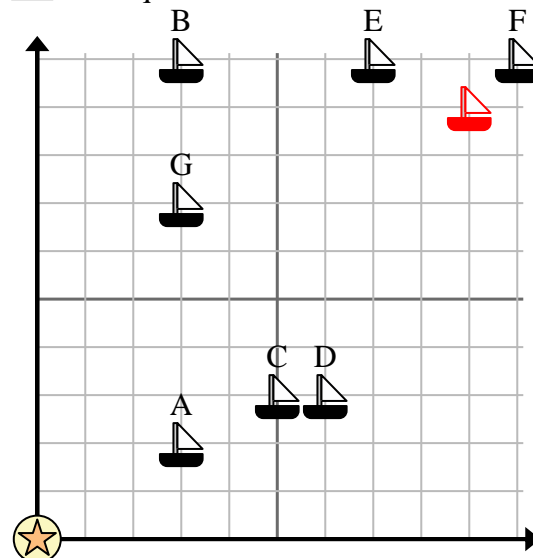
= Ship



= Buoy



= 1 Square Mile



- Which ship is closest to the buoy?
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- Which ship is further east? Ship B or ship F?
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