Use the grid to solve each problem.

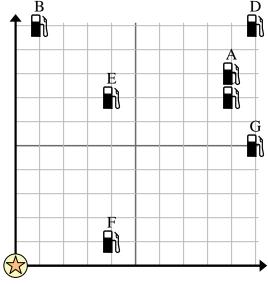
= Gas Station



= Mall

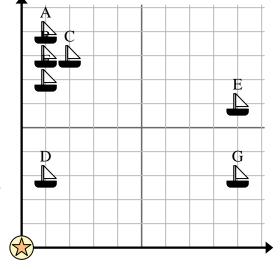


= 1 Square Mile



- 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 you end up at?

- **Answers**
- north from the mall which gas station would
- 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?
- \leq = Ship
- \Rightarrow = Buoy
- = 1 Square Mile
- 7) Which ship is closest to the buoy?
- 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?

Name:

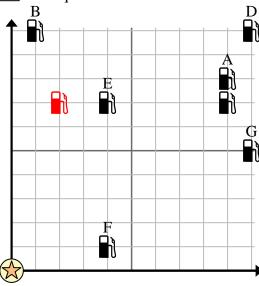
Use the grid to solve each problem.

= Gas Station



= Mall

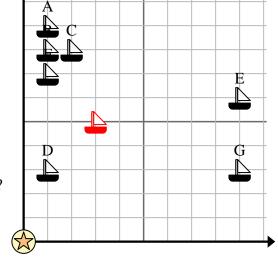
= 1 Square Mile



- 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. **yes**
- 2 **F**
 - . **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?
- \triangle = 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?