



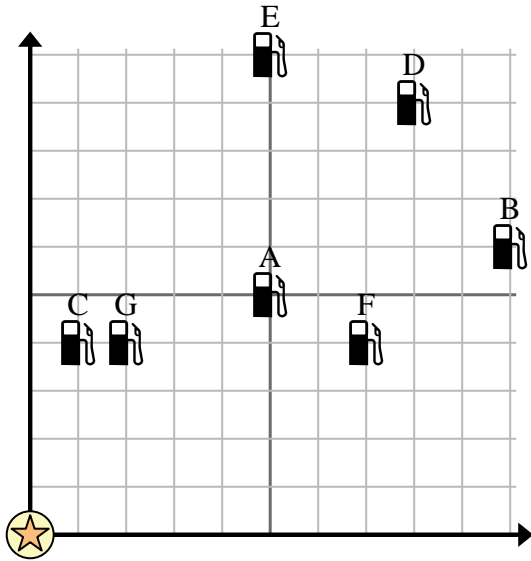


Use the grid to solve each problem.

 = 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 4 miles east and 9 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 A or Station E?
- 5) If you were to go 10 miles east and 6 miles north from the mall which gas station would you end up at?

Answers

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

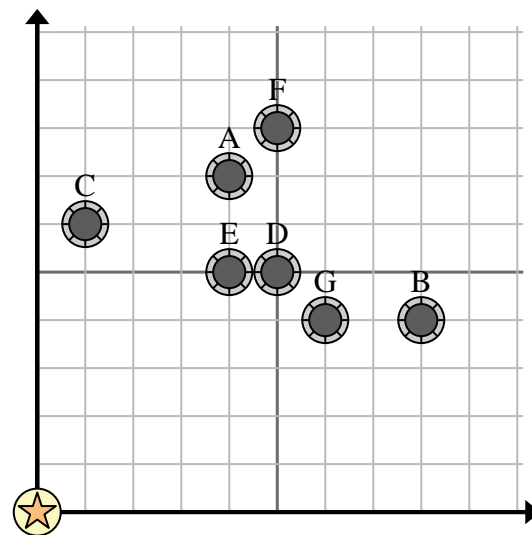
- 6) A new law says you can't build a well within 2 miles a pre-existing well. If you wanted to build a well 10 miles east and 5 miles north of the water tower, would you be allowed to?

 = Well

 = Water Tower

 = 1 Square Mile

- 7) Which well is closest to the water tower?
- 8) Which well is furthest from the water tower?
- 9) Which well is further south? Well F or well G?
- 10) If you were to go 5 miles east and 8 miles north from the water tower which well would you end up at?



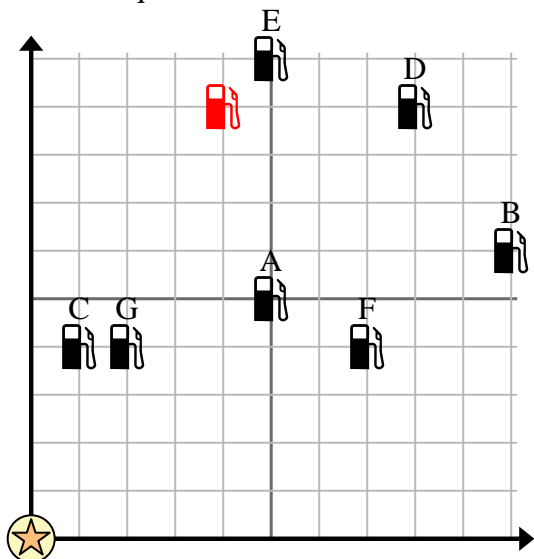


Use the grid to solve each problem.

= Gas Station

= Mall

= 1 Square Mile



- 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 4 miles east and 9 miles north of the mall?
- Which gas station is closest to the mall?
- Which gas station is furthest from the mall?
- Which gas station is further west? Station A or Station E?
- If you were to go 10 miles east and 6 miles north from the mall which gas station would you end up at?

Answers

- no**
- C**
- D**
- A**
- B**
- yes**
- C**
- F**
- G**
- F**

- A new law says you can't build a well within 2 miles a pre-existing well. If you wanted to build a well 10 miles east and 5 miles north of the water tower, would you be allowed to?

= Well

= Water Tower

= 1 Square Mile

- Which well is closest to the water tower?
- Which well is furthest from the water tower?
- Which well is further south? Well F or well G?
- If you were to go 5 miles east and 8 miles north from the water tower which well would you end up at?

