

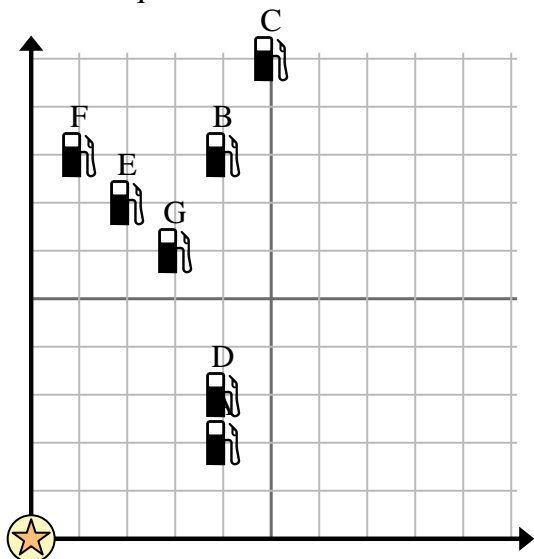


Use the grid to solve each problem.

= 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 10 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 B or Station F?
- 5) If you were to go 4 miles east and 3 miles north from the mall which gas station would you end up at?

Answers

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____

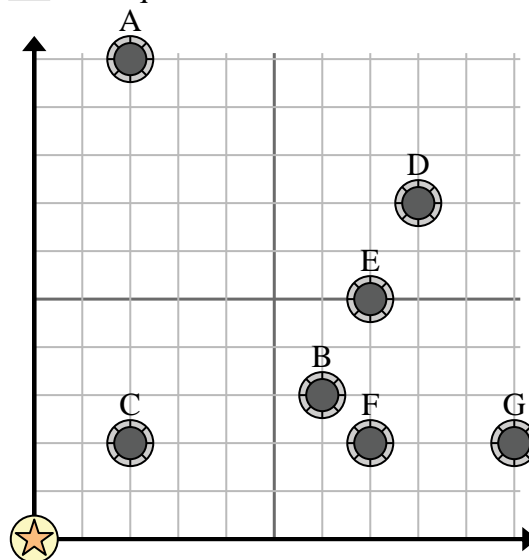
- 6) A new law says you can't build a well within 2 miles a pre-existing well. If you wanted to build a well 8 miles east and 9 miles north of the water tower, would you be allowed to?

= 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 east? Well A or well E?



- 10) If you were to go 8 miles east and 7 miles north from the water tower which well would you end up at?

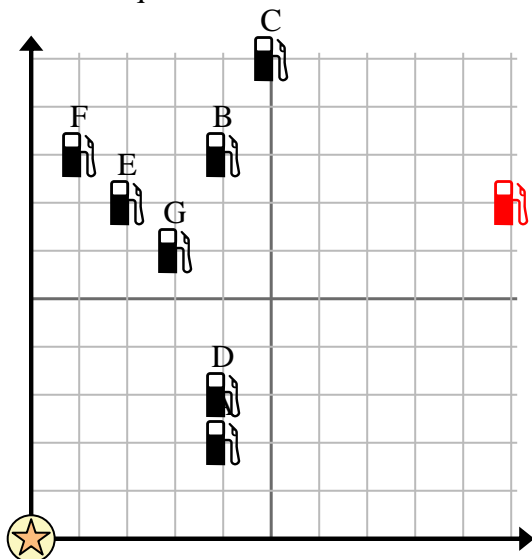


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- If you were to go 4 miles east and 3 miles north from the mall which gas station would you end up at?

Answers

- yes
- A
- C
- B
- D
- yes
- C
- D
- E
- D

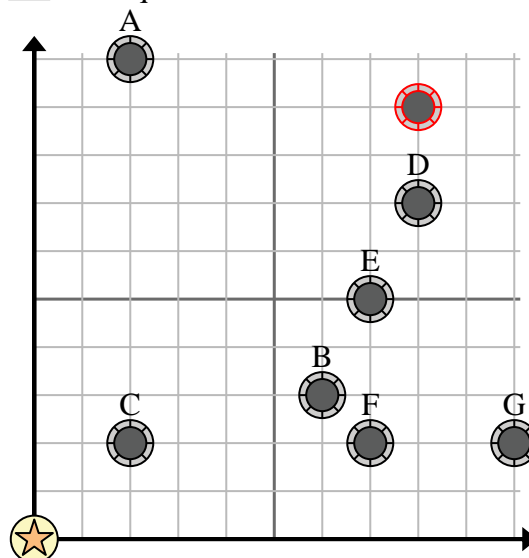
- A new law says you can't build a well within 2 miles a pre-existing well. If you wanted to build a well 8 miles east and 9 miles north of the water tower, would you be allowed to?

= 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 east? Well A or well E?



- If you were to go 8 miles east and 7 miles north from the water tower which well would you end up at?