



Use the grid to solve each problem.



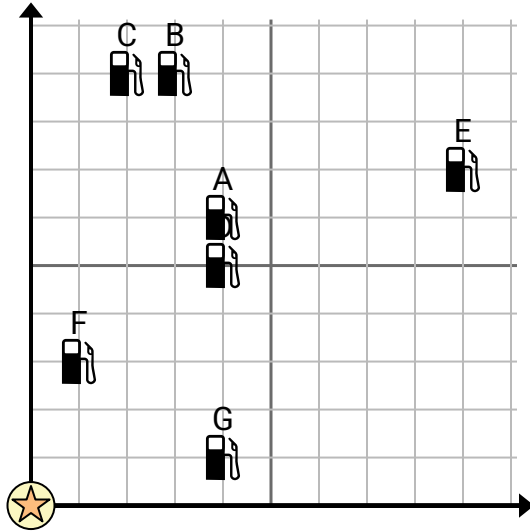
= Gas Station



= 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 7 miles east and 8 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 F or Station E?
- 5) If you were to go 4 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 4 miles east and 10 miles north of the water tower, would you be allowed to?



= Well



= Water Tower



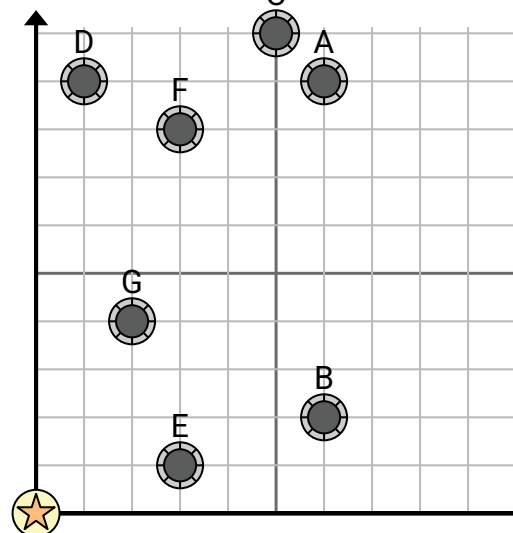
= 1 Square Mile

- 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 B or well F?

- 10) If you were to go 6 miles east and 9 miles north from the water tower which well would you end up at?





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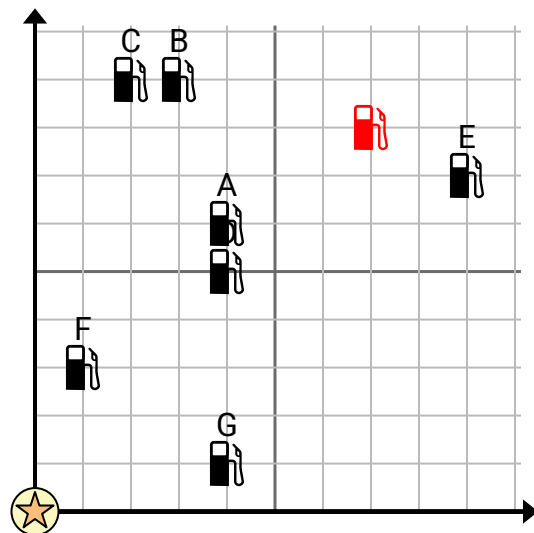
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Answers

- yes**
- F**
- E**
- E**
- A**
- no**
- E**
- C**
- B**
- A**

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