

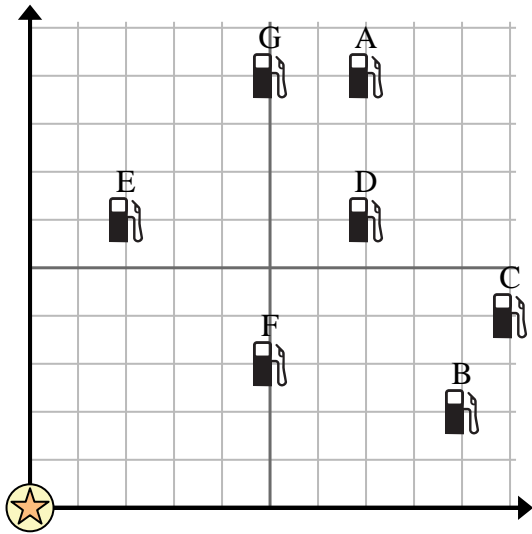


Use the grid to solve each problem.

= Gas Station

= Mall

= 1 Square Mile



1) Which gas station is closest to the mall?

2) Which gas station is furthest from the mall?

3) If you were to go 7 miles east and 6 miles north from the mall which gas station would you end up at?

4) Which gas station is further west? Station D or Station E?

5) 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 5 miles east and 8 miles north of the mall?

Answers

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

6) Which well is closest to the water tower?

= Well

= Water Tower

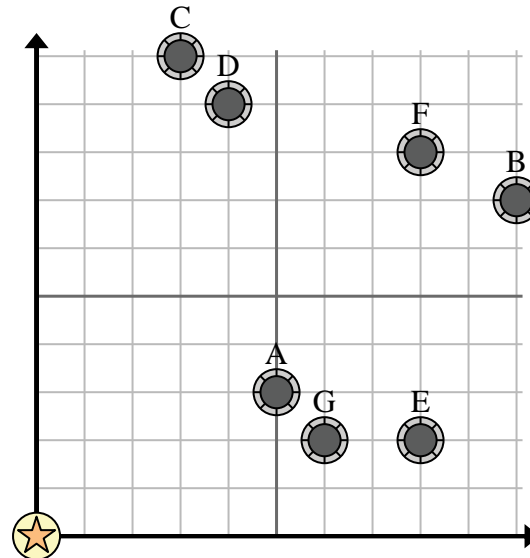
= 1 Square Mile

7) Which well is furthest from the water tower?

8) If you were to go 3 miles east and 10 miles north from the water tower which well would you end up at?

9) Which well is further south? Well A or well E?

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



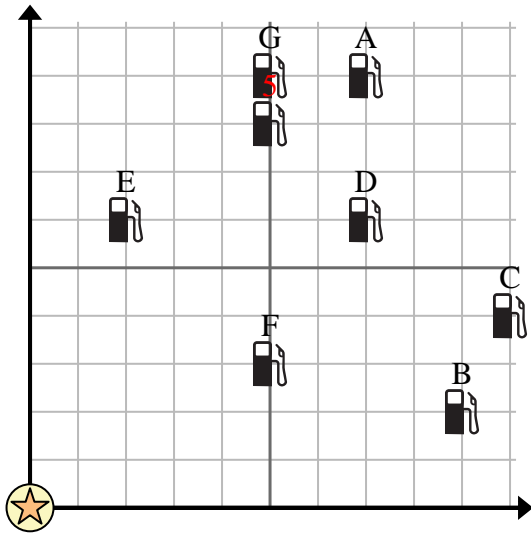


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Answers

1. **F**

2. **A**

3. **D**

4. **E**

5. **no**

6. **A**

7. **B**

8. **C**

9. **E**

10. **yes**

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= Well

= Water Tower

= 1 Square Mile

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