



Using Grids in Real World Context

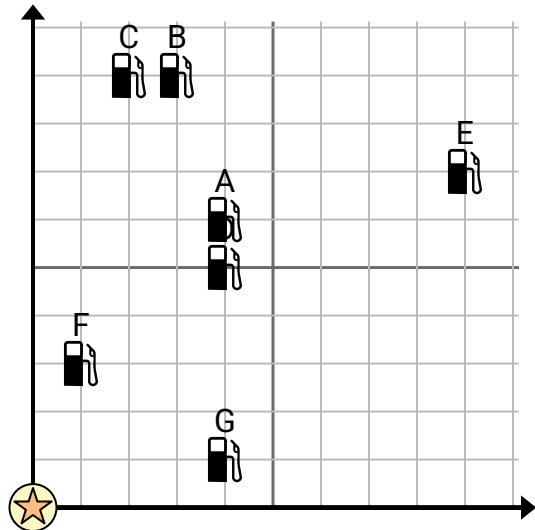
Name: _____

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 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?
- 7) Which well is closest to the water tower?

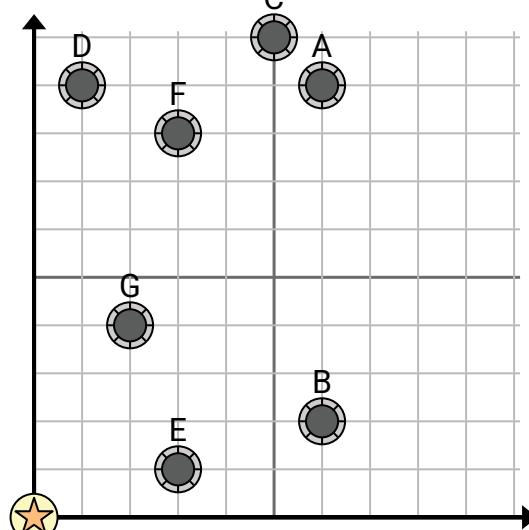
= Well

= Water Tower

= 1 Square Mile

- 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?





Using Grids in Real World Context

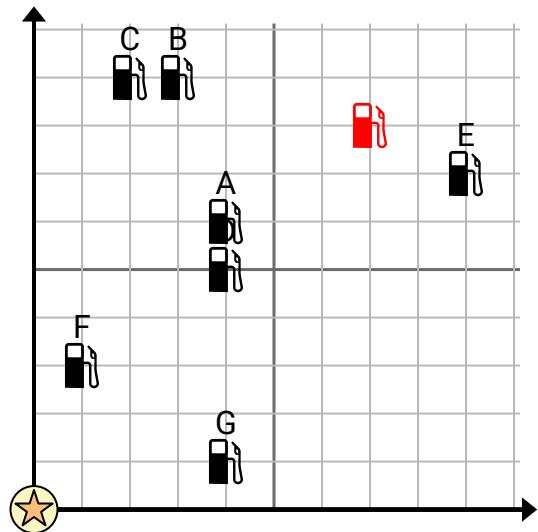
Name: **Answer Key**

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?

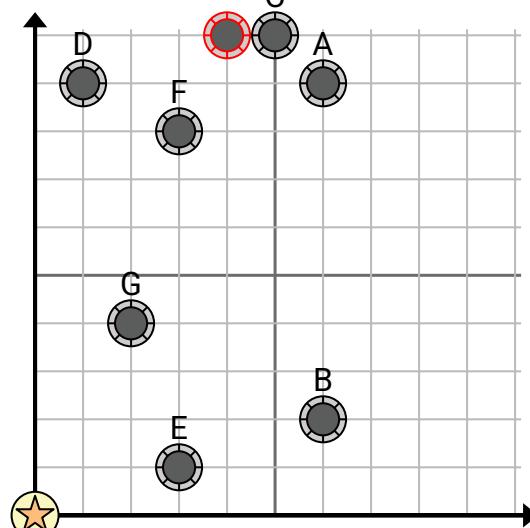
- 6) A new law says you can't build a well within 2 miles of a pre-existing well. If you wanted to build a well 4 miles east and 10 miles north of the water tower, would you be allowed to?
- 7) Which well is closest to the water tower?

- 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?

= Well
 = Water Tower
 = 1 Square Mile



Answers

1. **yes**

F

E

E

A

no

E

C

B

A