Using Grids in Real World Context

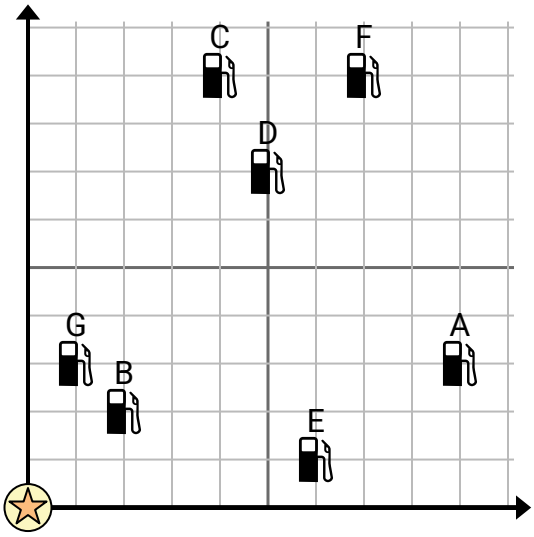
Name:

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 3 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?

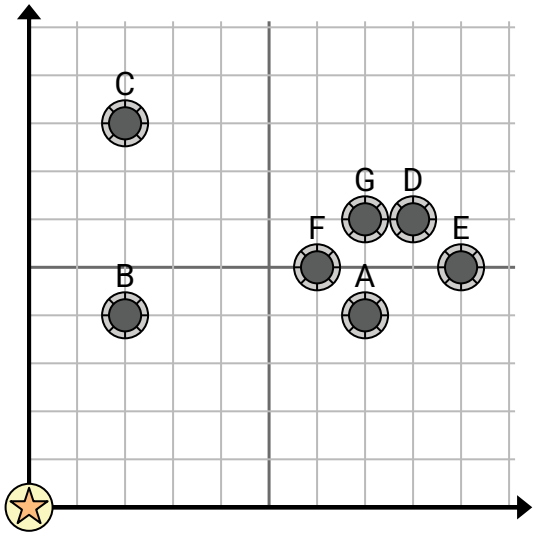
4) Which gas station is further north? Station C or Station G?

5) If you were to go 4 miles east and 9 miles north from the mall which gas station would you end up at?

= Well

= Water Tower

= 1 Square Mile



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 6 miles east and 9 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 north? Well A or well F?

10) If you were to go 2 miles east and 4 miles north from the water tower which well would you end up at?

Answers

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

1-10	90	80	70	60	50	40	30	20	10	0

Using Grids in Real World Context

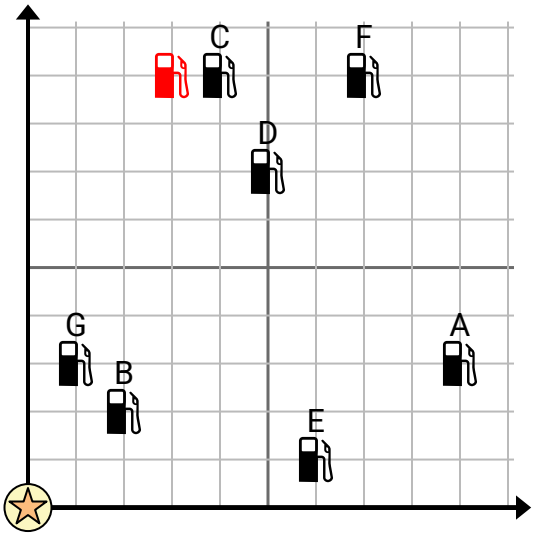
Name: **Answer Key**

Use the grid to solve each problem.

= Gas Station

= Mall

= 1 Square Mile



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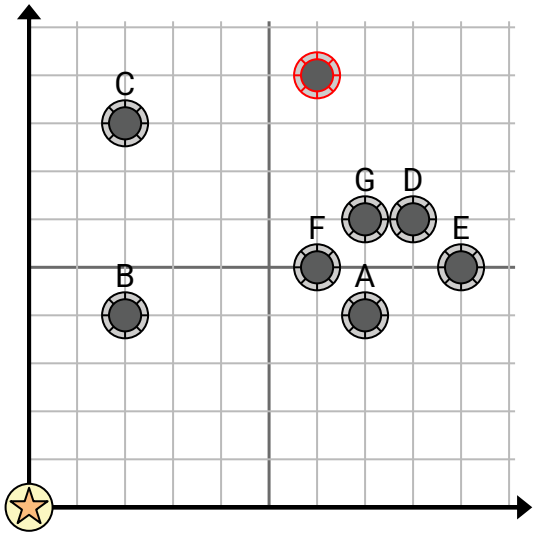

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8) Which well is furthest from the water tower?

9) Which well is further north? Well A or well F?

10) If you were to go 2 miles east and 4 miles north from the water tower which well would you end up at?

Answers

1. no
2. B
3. F
4. C
5. C
6. yes
7. B
8. E
9. F
10. B

1-10	90	80	70	60	50	40	30	20	10	0