



Using Grids in Real World Context

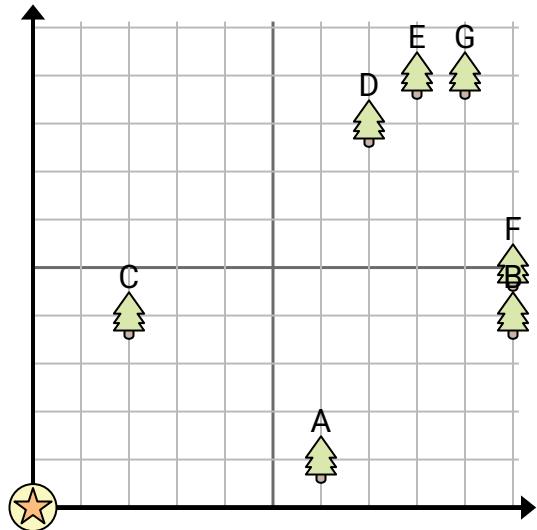
Name: _____

Use the grid to solve each problem.

= Tree

= House

= 1 Square Yard



- 1) Tom wanted to plant a new tree, but wanted to make sure it was at least 2 yards from a pre-existing tree. Should he plant a tree 3 yards east and 4 yards north of his house?
- 2) Which tree is closest to the house?
- 3) Which tree is furthest from the house?
- 4) Which tree is further south? Tree C or tree A?
- 5) If you were to go 10 yards east and 5 yards north from the house which tree 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 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?

= Well

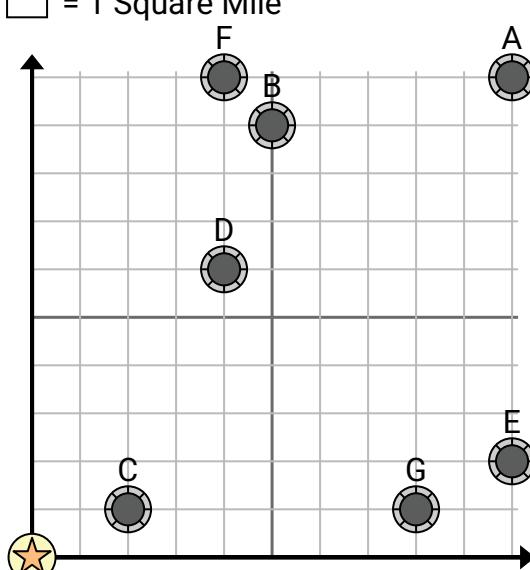
= Water Tower

= 1 Square Mile

- 8) Which well is furthest from the water tower?

- 9) Which well is further west? Well G or well A?

- 10) If you were to go 2 miles east and 1 miles north from the water tower which well would you end up at?





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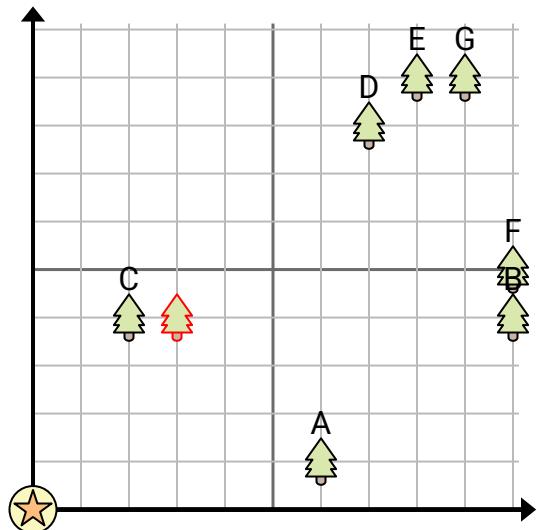
Answer Key

Use the grid to solve each problem.

= Tree

= House

= 1 Square Yard



- Tom wanted to plant a new tree, but wanted to make sure it was at least 2 yards from a pre-existing tree. Should he plant a tree 3 yards east and 4 yards north of his house?
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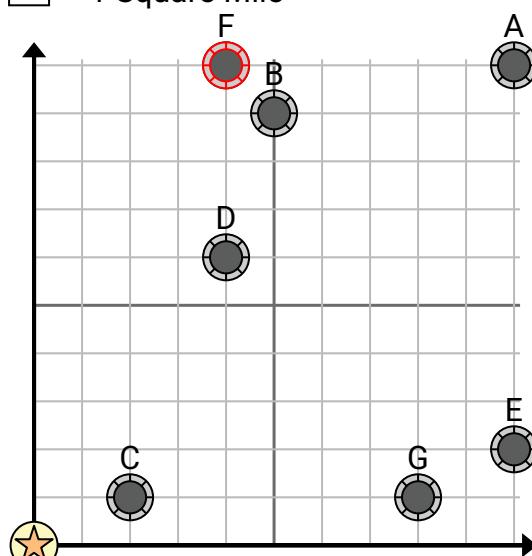
- A new law says you can't build a well within 2 miles of a pre-existing well. If you wanted to build a well 4 miles east and 10 miles north of the water tower, would you be allowed to?
- Which well is closest to the water tower?

= Well

= Water Tower

= 1 Square Mile

- Which well is furthest from the water tower?
- Which well is further west? Well G or well A?
- If you were to go 2 miles east and 1 miles north from the water tower which well would you end up at?



Answers

1. **no**

C

G

A

F

no

C

A

G

C

10. **C**