

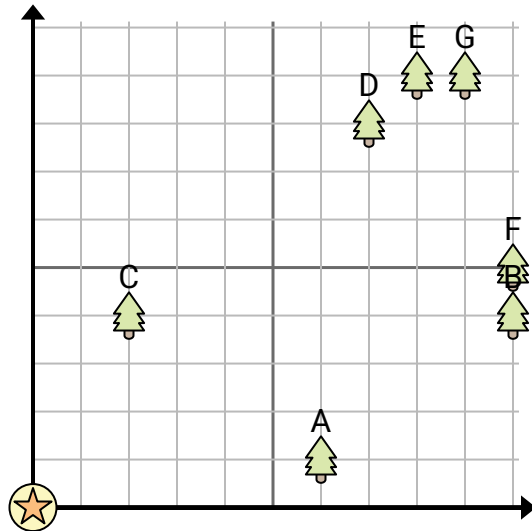


Use the grid to solve each problem.

= 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 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

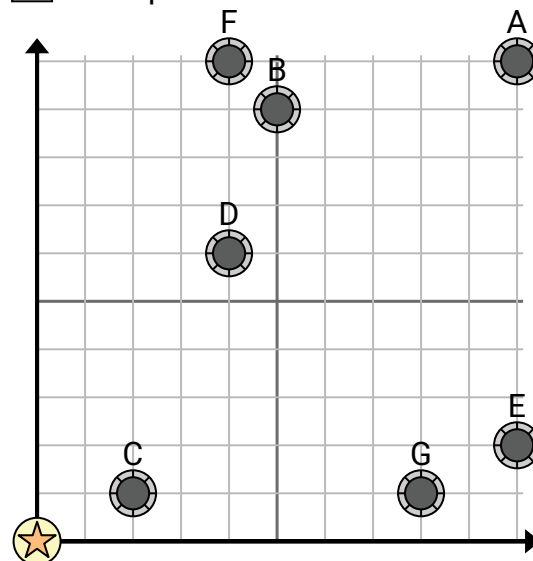
= 1 Square Mile

7) Which well is closest to the water tower?

8) Which well is furthest from the water tower?

9) Which well is further 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?



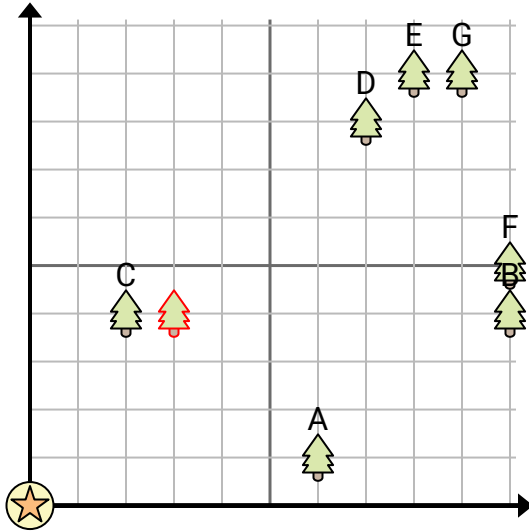


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**Answers**1. **no**2. **C**3. **G**4. **A**5. **F**6. **no**7. **C**8. **A**9. **G**10. **C**

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?

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