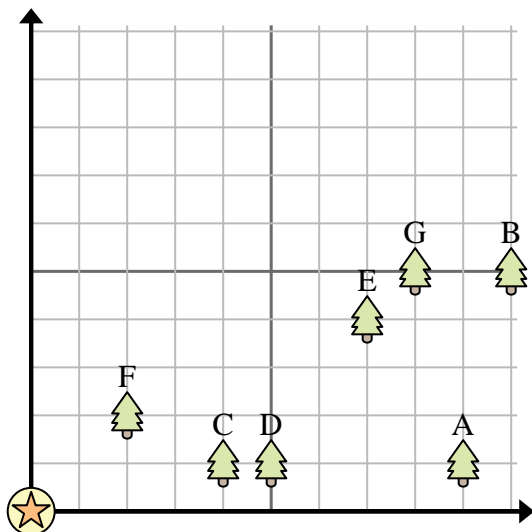# Using Grids in Real World Context

Name:

Use the grid to solve each problem.

🌲 = Tree

⭐ = House

☐ = 1 Square Yard

1) Victor 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 6 yards east and 2 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 west? Tree D or tree E?

5) If you were to go 7 yards east and 4 yards north from the house which tree would you end up at?

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 10 miles east and 10 miles north of the water tower, would you be allowed to?
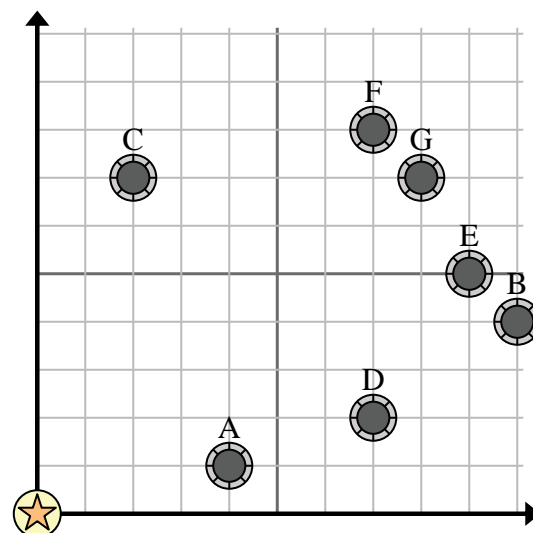
🔘 = Well

⭐ = 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 north? Well B or well A?

10) If you were to go 7 miles east and 8 miles north from the water tower which well would you end up at?
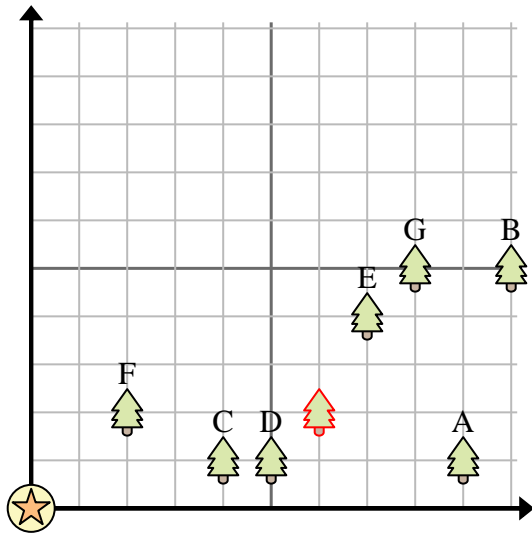
Math

Use the grid to solve each problem.

 = Tree

 = House

 = 1 Square Yard

1) Victor 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 6 yards east and 2 yards north of his house?

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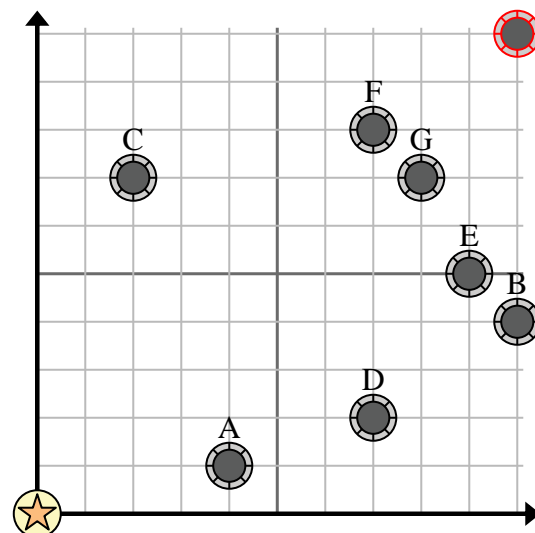
6) A new law says you can't build a well within 2 miles a pre-existing well. If you wanted to build a well 10 miles east and 10 miles north of the water tower, would you be allowed to?

 = 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 north? Well B or well A?

10) If you were to go 7 miles east and 8 miles north from the water tower which well would you end up at?

Answers

1. **no**

2. **F**

3. **B**

4. **D**

5. **E**

6. **yes**

7. **A**

8. **B**

9. **B**

10. **F**