Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

# Distance Between Points

Use the graph below to help solve the following problems.



Find the distance between the following points:

1. (4, 6) and (4, -8)
2. (10, -7) and (10, 5)
3. (-9, 6) and (6, 6)
4. (-6, 5) and (-3, 5)

Find the distance without using the graph.

1. (9, 7) and (9, -2)
2. (-6, 3) and (-10, 3)
3. (8, $-4\frac{1}{3}$) and (8, 3$\frac{1}{4}$)
4. (7$\frac{2}{3}$, 4) and (-6$\frac{1}{4}$, 4)
5. Tammy started at home at (4, 5) and then went to the store at (4, 1). She decided to then stop for gas at (4, -4) and then to pick up her printed photos at (4, -5). She then went home. What was Tammy’s total distance?