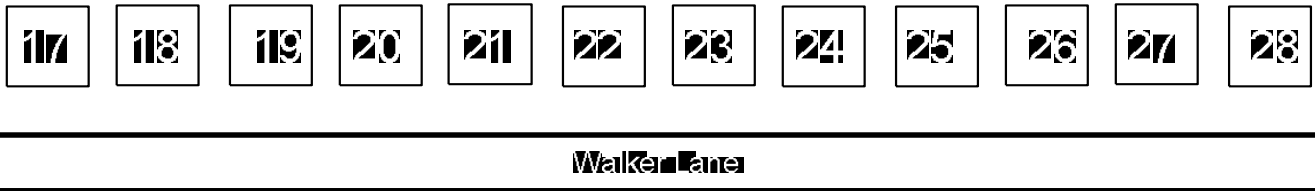


In some Utah cities, the houses are numbered according to how far they are from Main Street in either direction. Assume for this problem that each house is spaced the same distance apart, and that each lot is 100 feet wide. So it could be said that the starred house is 100 feet away from Main Street.

1. If the Youngs live at 300 East Center Street, how far away from Main Street are they?
2. If the Smiths live at 500 West Center Street, how far away from Main Street are they?
3. How far away from 600 East Center Street is 600 West Center Street?
4. What house is 400 feet away from 100 West Center Street?
5. Is there another answer to #4? Explain?



Walker Lane is a street with houses spaced exactly the same distance apart. The house numbers start at 17 and go to 28. My friend Brooke lives at 23 Walker Lane. She is four houses away from me.

6. Where could my house be located?
7. Find two houses that are 3 houses away from 20 Walker Lane.
8. Find the distance (in houses) from 19 Walker Lane to 26 Walker Lane.
9. Find the distance (in houses) from 26 Walker Lane to 19 Walker Lane.
10. Write an absolute value statement that describes the situation in #8 and #9.