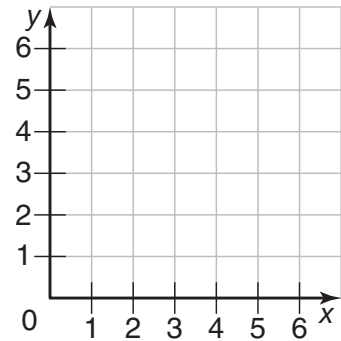


Problem Solving: Use Reasoning

- The delivery person stopped on the 14th floor to talk to a friend. Before stopping, he had just made a delivery 4 floors above. Before that he made a delivery 6 floors below. Before that he had made a delivery 9 floors above. Before that he had made a delivery 15 floors below. On what floor did he make his first delivery?

Elena plotted figure $FGHJ$ on a coordinate plane. The corners of the figure are located at $F(1, 3)$, $G(1, 6)$, $H(3, 6)$ and $J(3, 3)$. Draw Elena's figure.



- What are the lengths of sides FG and HJ ?

- What are the lengths of sides GH and JF ?

- What is the perimeter of the figure?

- At the end of the day, Brooke had \$138.75 in her checking account. She had made a deposit of \$115.07 and written checks totaling \$176.94. How much did she have in her checking account at the beginning of the day?

- A** -\$76.88 **C** \$200.62
B \$76.88 **D** \$430.76

- Writing to Explain** The football team gained 7 yards, gained 4 yards, lost 5 yards, gained 21 yards, lost 2 yards, and gained 4 yards to their 43 yard line. Explain how you solved this problem. Then find the yard line where the team began.
