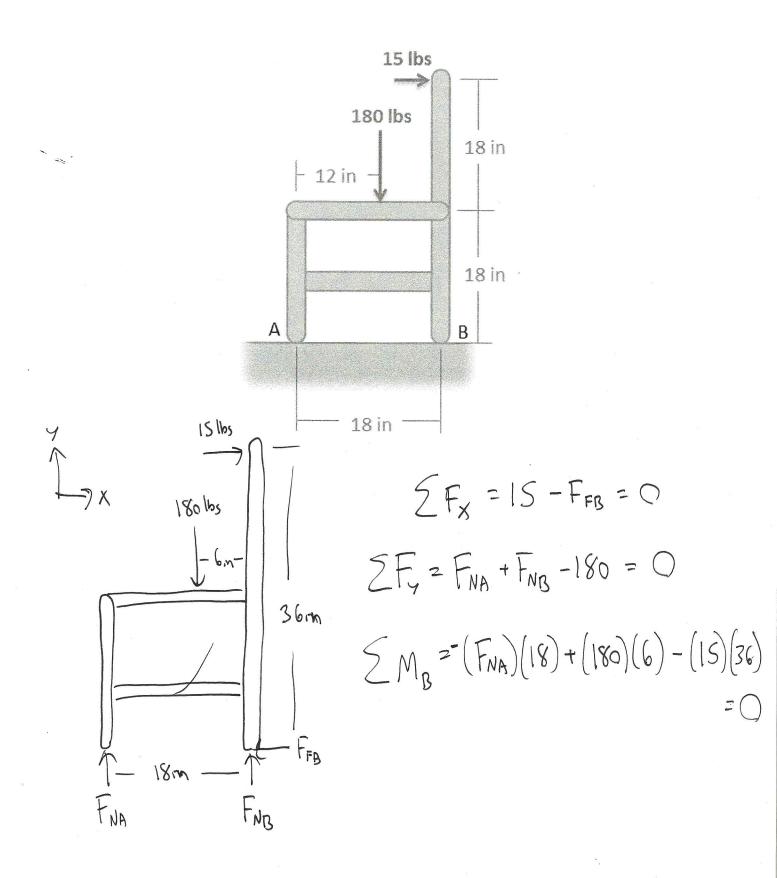
While sitting in a chair, a person exerts the forces in the diagram below. Determine all forces acting on the chair at points A and B. (Assume A is frictionless and B is a rough surface).



$$F_{NA} = \frac{-(15)(36) + (180)(6)}{18}$$

$$F_{NA} = \frac{30 \text{ lbs}}{15 \text{ lbs}}$$