



2. Jonas walks along a road. Starting from a gas station, he walks 4 meters per second due south for 20 minutes, then 5 meters per second due north for 12 minutes, and finally at 2 meters per second due north for 9 minutes. Find his position from the gas station.

3. An airplane flying at an altitude of 35,000 feet descends 3,000 feet two times before ascending 2,000 feet. What is the current altitude of the plane?

4. Swimming burns 10 calories of energy per minute. Nita wants to spend the same number of calories in swimming that she takes in by eating a 300-calorie meal. How long would she have to swim?

5. Carlos ate a breakfast that supplied him with 920 calories of energy. Then, he jogged for an hour, which used up 15 calories of energy per minute. Give the net calorie intake of Carlos after jogging.