Write an equation for each of the situations below.

1. Sam is trying to save up money to buy a bike. She has $25 saved already. Each time she babysits she earns $10. Write an equation which shows the amount of money **m** that Sam has given the number of times she babysits **n**.

2. Marc owes his friend $100. Each week Marc pays his friend back $15. Write an equation which shows that amount of money that Marc still owes **m** and the number of weeks that have gone by **w**._____

3. A cell phone company charges a flat fee of $50 a month. They charge an extra $5 per gig of data used. Write an equation which shows the cost **c** given the number of gigs of data used **g**.

4. A town has 1,000 residents in it. Each year, 50 residents move out of the town. Write an equation which show the number of residents **r** given the number of years that have gone by **y**.

5. Tom has 152 pieces of candy left from Halloween. Each day he eats 7 pieces of candy. Write an equation which the pieces of candy **c** given the number of days that have gone by **d**.