Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Sect \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

HW:

Write a linear equation for each scenario. Then use the equation to answer the questions:

A gym membership costs $20, plus $2 per visit.

If Tommy joins and visits 8 times, how much does he pay?

A car rental facility charges $80, plus $3 per mile driven.

If you rent a car and drive 48 miles, how much do you owe?

At the start of the month. Your savings account has $384. You spend $12 a day.

After 13 days, how much is in your account?

Mr. Celery earns a salary of $34,000, plus $1100 for every sale he makes.

If he earns $64,800 for the year, how many sales did he make?

A candle measures 16 inches tall. It burns at a rate of 1 ½ inches per hour?

If the candle burns for 5 hours, how tall is the candle?