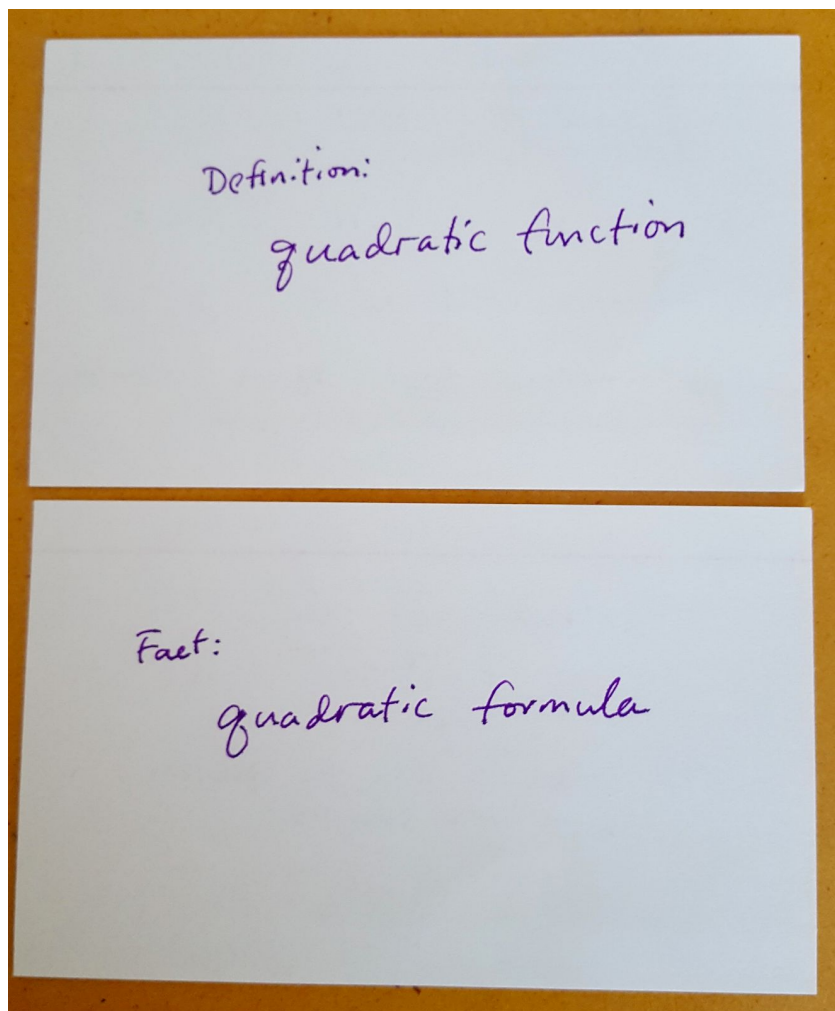**Sample Vocabulary Notecards**

Make a notecard for each vocabulary term and each fact in each section of the reading.

Front: Put the term to be defined or the name of the fact on the front of the card.

Back: Put the definition of the term or the statement of the fact, using one or more complete sentences, on the back of the card.

Examples for the definition of the term "quadratic function" and the statement of the fact called the "quadratic formula":

Fronts

Definition:

quadratic function

Fact:

quadratic formula

Backs

A quadratic function is a
function of the form

$$y = ax^2 + bx + c \quad \text{with } a \neq 0.$$

Example: $f(x) = 3x^2 + 2$

mnemonic: $\underline{quad} = \text{square}$ in Latin

If $ax^2 + bx + c = 0$ then

$$x = \frac{-b \pm \sqrt{b^2 - 4ac}}{2a}.$$

(If $b^2 - 4ac < 0$ then the equation
has no real solutions.)