Private Pilot Quiz: Magnetic Compass

1. What is the magnetic compass attracted to in order to show us our direction?
2. What are the errors associated with the magnetic compass?
3. Describe UNOS – undershoot North, Overshoot South, why do we need to do this? What headings is this most prevalent?
4. Describe ANDS – accelerate North, Decelerate South, why do we need to account for this? What headings is this most prevalent?
5. Is the magnetic compass reliable to refer to in a climb or descent?
6. Is the magnetic compass reliable to refer to in turbulence?
7. Why do we need compass correction cards? What are they correcting and what can affect this variable?
8. What is variation?
9. Where can I find out what the variation will be on my route? What am I looking for?
10. Define these terms:
    1. True course
    2. Magnetic course
11. What is the difference between a course and a heading?
12. Where can I find the crosswind component chart?
13. On our next lesson show me the crosswind component chart and tell me what the headwind/tailwind/crosswind component is using the runway in use for the day and the winds at the time in the current METAR.