

Name: \_\_\_\_\_ Date: \_\_\_\_\_ Period: \_\_\_\_\_

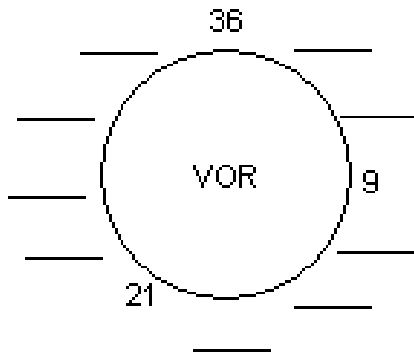
# Flight Simulator

**Answer the questions below in complete sentences.** You may need to use the Learning Center to answer the following questions.

Part 1- Getting to know the instrument panel

1. Which key or part of the yoke controls the brakes? \_\_\_\_\_
2. How do you change the throttle? \_\_\_\_\_
3. How do you change the views? \_\_\_\_\_

Draw a compass rose on the right in the area below, and fill in the blanks of the aircraft compass on the left.



4. Go to the Missions tab and complete Tutorials 1-8. Describe what the purpose of each tutorial in the space below.

1	5
2	6
3	7
4	8

5. What is the Altimeter, and where is it located? \_\_\_\_\_
6. Explain what a VHF Omnidirectional Receiver does.
7. Explain how the Vertical Speed Indicator works.
8. What does IFR (Instrument Flight Rules) mean?

Part 2- Flying

Go to the Free Flight Menu, and select the Flight Planner. Pick the Departure to be Roanoke Regional, and pick the destination to be Virginia Tech. **Sketch out the VOR direction of the flight on the back.** (Draw the state of Virginia, then locate your two destinations. Then draw the path you would fly using VOR directions). Call me over when you have completed this flight. Label how many miles this flight is, and how long it should take to complete the flight in real time.

9. What kind of plane did you use to make this flight? \_\_\_\_\_