

## Virtual Masonry Laboratory

### Lab 6 Worksheet:

1. Why is nondestructive evaluation important?
2. What does “observation” entail? What is the most common form of observation?
3. Radar returns are dependent on what physical property of materials?
4. Why are radar returns displayed as an upside down parabola?
5. Infrared imaging needs what differential between the two sides of the wall in order to obtain good images?
6. What does a cover meter use to find the depth and location of steel reinforcement?
7. Flatjack testing finds what two values for in-situ masonry?
8. Impact echo uses what kind of waves through a material to find anomalies?
9. Why does the overall thickness of the material appear to be thicker when there is a void directly under the instrument?