T-test

T-tests compare two groups. For each question, please divide your independent variable into two groups. I expect a statement regarding which variables you used to as the dependent and independent variables to answer the question, a description of how you divided your groups, the means of the groups, the t-value, and the significance. You also need to interpret these results.

Remember: Use the correct values (can equal variances be assumed?)

The significance is given as a two-tailed result. Is this the result you should report?

1. Do people who read ingredients on food labels choose healthier items when eating at home?
2. Do people who read ingredients on food labels choose healthier items when eating out?
3. Do younger people read ingredients on food labels?
4. Do people who believe they know a lot about nutrition read food labels?
5. Do people who believe they know a lot about nutrition select healthier foods when eating at home?
6. Do people who believe they know a lot about nutrition select healthier foods when eating out?
7. Do younger people believe they know a lot about nutrition?
8. Do people who exercise more read ingredients on food labels?
9. Do people who exercise more choose healthier items when eating at home?
10. Do people who exercise more choose healthier items when eating out?
11. Do people who exercise more know a lot about nutrition?
12. Do younger people exercise more?