**Chapter 1 Exercises: Solutions**

1.

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| recode happy (1=3) (2=2) (3=1), generate(happyrev) |

2.

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| --- |
| label variable happyrev “happiness”  label define happylabel 1 "not too happy" 2 "pretty happy" 3 "very happy"  label values happyrev happylabel |

3.

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| . histogram educ, frequency  (bin=32, start=0, width=.625) |



4.

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| . twoway scatter satfam7 satfin |

