

Name: _____

Homework #6 – Identifying Individuals and Variables

Math 082

Below is some information about films for the “Best Movie” Academy Award (Oscar) in 2009.

| Name | Genre | Budget (millions of dollars) | Total # of Oscar Nominations | Running time (minutes) | MMPA Rating |
|----------------------|-----------|------------------------------------|------------------------------------|---------------------------|----------------|
| Avatar | Adventure | 237 | 9 | 162 | PG-13 |
| The Blind Side | Drama | 29 | 2 | 128 | PG-13 |
| District 9 | Action | 30 | 4 | 112 | R |
| An Education | Drama | 7 | 3 | 95 | PG-13 |
| The Hurt Locker | Action | 11 | 9 | 131 | R |
| Inglourious Basterds | Drama | 70 | 8 | 153 | R |
| Precious | Drama | 10 | 6 | 110 | R |
| A Serious Man | Comedy | 7 | 2 | 106 | R |
| Up | Animated | 175 | 5 | 96 | PG |
| Up in The Air | Comedy | 30 | 6 | 109 | R |

Below is some information about the first ten United States Presidents.

| Name | Political Party | Age at Inauguration | Age at Death | State of Birth |
|---------------------|-----------------------|------------------------|--------------|----------------|
| George Washington | Federalist | 57 | 67 | Virginia |
| John Adams | Federalist | 61 | 90 | Massachusetts |
| Thomas Jefferson | Democratic-Republican | 57 | 83 | Virginia |
| James Madison | Democratic-Republican | 57 | 85 | Virginia |
| James Monroe | Democratic-Republican | 58 | 73 | Virginia |
| John Quincy Adams | Democratic-Republican | 57 | 80 | Massachusetts |
| Andrew Jackson | Democrat | 61 | 78 | South Carolina |
| Martin Van Buren | Democrat | 54 | 79 | New York |
| William H. Harrison | Whig | 68 | 68 | Virginia |
| John Tyler | Whig | 51 | 71 | Virginia |

1. For EACH of the tables above, identify the variables that were recorded, and indicate whether each one is categorical or quantitative. If a variable is quantitative, indicate the units of measurement and whether it is discrete or continuous.