



5. (1 point) During the European Upper Paleolithic period (roughly 30,000 years ago), human life span and artistic expression both rose very rapidly. Does this imply that having longer lives made humans more artistic? Explain.
6. (4 points) What type of sampling is described in each situation. Choose from random, systematic, convenience, stratified, or cluster.
- (a) We separate the countries of the world into 5 groups: Asia, Africa, Europe, Americas (North or South), Other. We select 6 countries at random from each group.
- (b) Restaurant customers place their business cards into a bowl. At the end of the day, the cards are mixed up and one is selected.
- (c) A couple are thinking about their monthly budget. They separate their expenses into 6 different categories. They pick one of those categories by rolling a die, and they look carefully at all expenses in the chosen category.
- (d) At an archaeological dig site, a scientist collects a soil sample every 20 centimeters.