

Geometry Unit 2: Reasoning and Proof

Name: _____ Date: _____

Determine whether the following are deductive or inductive arguments, or not an argument.

1. The Giants have lost their last seven games. Thus, they will probably lose their next game.
2. If you brush and floss your teeth daily then you will have fewer cavities. Marie brushes and flosses her teeth daily. Thus, she will have fewer cavities.
3. Jones will play tennis today if Smith plays. Jones will not play tennis today. Thus, Smith will not play.
4. 4 out of 5 times I beat Corey at pool and I'm going to play him tomorrow. So, I'll very likely win.
5. If Bush's popularity goes below 20% then he'll be forced to cut and run from Iraq, but that's not the case now.
6. Amanda was learning to drive when her father told her to never run the car if the overheating light comes on. Last summer while driving to Anchorage, her overheat light turned on so she turned off the car and called for help.
7. Your teacher tells the class that no credit will be given to assignments that show no work. For two months you do your homework. Last week, your assignment had a couple of problems where no work was shown. You received no credit for the assignment.
8. Some horses are big. All horses have tails. Therefore, anything with a tail is big.
9. It has been observed that earthquakes precede the eruption of volcanoes. Thus, earthquakes cause volcanoes to erupt.

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