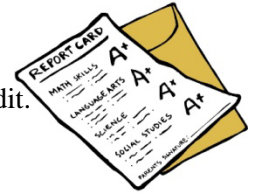Name:_____

1. A teacher allows her students to decide whether to use the mean, median, or mode to determine their test averages. One student determined that he will receive the highest average if he uses the mean. His test scores are 92, 83, 76, 76, 93.
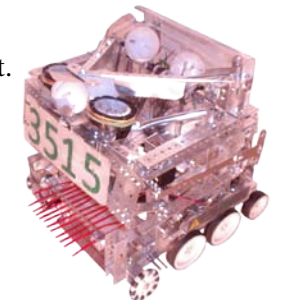
    a. What would his average score be if he uses mean measure? Show work to get credit.

    b. What would his test score be if he uses a median measure? Show work to get credit.

    c. Compare his median and mean scores. Which one is larger? Show work to get credit.

2. There are 10 students in the technology class. For the final project, each student had to build a robot. The table below provides the number of days that each student spent building the robot.

4 days	10 days	10 days	14 days	4 days	25 days	15 days	22 days	16 days	10 days

    a. Find the average number of days that the whole class spent working on the project. Show work to get credit.

    b. Find the median number of days that the whole class spent working on the project. Show work to get credit.

    c. Find the mode number of days that the whole class spent working on the project. Show work to get credit.

3.   The exact average of a set of six test scores is 92. Five of these scores are 90, 98, 96, 94, and 85. What is the 6th test score? Show work to get credit.

4.   What gets you excited about math?

5.   If you were given the chance to create this lesson which method would you use:
        a. Lecture

        b. Read textbook

        c. Watch movie

        d. Conduct hands - on activity

        e. Research on the internet

6.   Do you think robotics can be helpful when used to collect data in math experiments?

        a. Yes
        b. No
        c. Unsure