Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_

**Spiral Review Quarter 4 Week 1** **Calculator Inactive**  Period: \_\_\_\_\_\_\_\_\_

**Answers**

1. \_\_\_\_\_\_\_\_\_\_\_\_\_\_
2. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

3) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

4) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

5) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

6) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

7) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

8) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

9) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

10) \_\_\_\_\_\_\_\_\_\_\_\_\_\_

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| **1.** A circus rents a rectangular building that has floor dimensions of 50 by 100 feet. The building can fit 2 circus rings shaped like circles, each with a diameter of 42 feet. To the nearest square foot, how many square feet of the floor are **not** taken up by the 2 circus rings? | **2.** A rectangular playground has an area of 7125 square yards. The width of the playground is 75 yards. What is the length of the playground? |
| **3.** What is the area of a circle with a circumference of 56.52 inches? | **4.** Calculate the Mean Absolute Deviation (MAD) for the following set of data:  78, 66, 78, 75, 63 |
| **5.** A jar contains 12 green tokens, 6 red tokens, and 2 black tokens. What is the probability that two red tokens are chosen and then a black token (all without replacement)? | **6.** Find the value of *x.* |
| **7.** Find the value of *x.* | **8.** Find the area. |
| **9.** Find the value of *x.* | **10.** Mrs. Smith paid $125 to have her hair colored and cut. If she tips her hairdresser 18%, what was her ***total*** bill? |

**Weekly Warm-Up’s**

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| Monday | Tuesday |
| Wednesday | Thursday |
| Friday | Important Information |