6th Review #11 *SHOW HOW YOU SOLVED EACH PROBLEM – NO CALCULATORS!*

1. Jonathan ran the mile in 10.08 minutes. Katelynn ran the mile in 9.3 minutes. How much longer did it take Jonathan to run the mile than Katelynn? *(Show how you found the difference between the two running times)*

2. Find the next three numbers in the pattern: (*Show common difference of the pattern*)

    0.2, 0.4, 0.6, _____, _____, _____

3. Tell whether each of the following is prime or composite. **Prove your answer!**

    91   21
            77
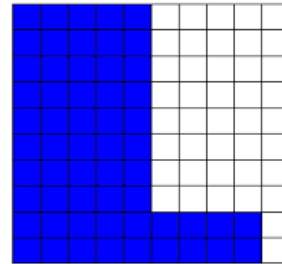
Name:_____

4. Find the product: $4\,^2/_3$ of $^1/_2$

    A $4\,^1/_3$

    B $2\,^1/_3$

    C $1\,^1/_2$

    D $2\,^1/_2$

5. Write the **fraction** (in lowest terms) and the **decimal** represented in the grid below.
    (Show how you found the fraction & decimal)

6. **Brandon wanted to bake brownies. Each batch of brownies needed 3 $^1/_4$ cups of flour. If he wants to make 4 batches of brownies, how many cups of flour will he need?**
    (*Show how you found your solution*)

    A   **7 $^1/_4$ cups**   C   **12 $^1/_4$ cups**

    B   **1 $^1/_4$ cups**   D   **13 cups**