Name _____

Date _____

Number _____

Math Unit 2 Pretest

5.NBT.7

1) A recipe for a cake requires 1.25 cups of milk, 0.40 cups of oil, and 0.75 cups of water. How much liquid is in the mixing bowl? **Justify your answer with a model or picture.**

2) Kathy worked 25.75 hours this week. She worked 18.25 hours last week. How many total hours did she work those two weeks?
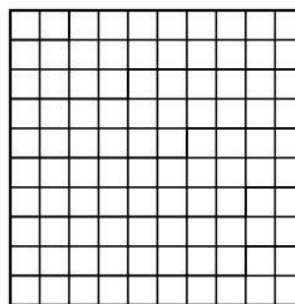
3) Is the difference of 1.35 – 0.12 less than or greater than 1? Explain how you know <u>without actually finding the difference.</u>

4) Eric had $132.82 in his piggy bank. He took out $12.75 on Monday and $38.50 on Friday. How much money does he have left in his piggy bank?

5) Sam cut three boards with the following measurements. 5.7 feet, 6.19 feet, and 13.785 feet. What is the total length of all three boards?

6) Sally received $149.27 for her birthday. She went to Target and spent $37.04 on a toy. How much money does she have left?

7) Model the following:
   $0.3 \times 0.7 =$ _____

8) Draw the place value blocks to model the following:
   $5 \times 0.23 =$ _____

9) Jerry is doing a Science experiment. He needs to separate 6.25 kilograms of sand into 0.25 kilogram piles. How many piles of sand will Jerry make?

10) Samuel has $35.55 to divide between his 5 cousins for Christmas. How much will each cousin get?

11) Find the product of 3.9 and 7.04