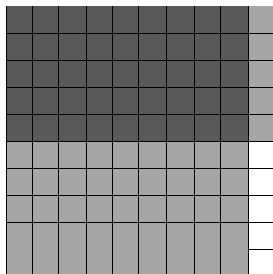Name: _____   Date: _____

5.NBT.5 – Fluently multiply multi-digit whole numbers using the standard algorithm.

5.NBT.7 – Add, subtract, multiply, and divide decimals to hundredths, using concrete models or drawings and strategies based on place value, properties of operations, and/or the relationship between addition and subtraction; relate the strategy to a written method and explain the reasoning used.

1. **According to the commutative property, what is another way of writing the equation below.** $9.1 \times 3.3 = 30.03$	2. **Write a division equation to show this multiplication problem:** $5 \times 8 = 40$

3. **Below is the product of a multiplication problem using decimals. Fill in the equation that is being modeled?**

_____ **x** _____ = _____

4. **Sydney is making 12 blankets. Sydney uses 3.75 yards of fabric for each tablecloth. What is the total amount of fabric she will need to buy?**	5. **If a new iPod is on sale for $229.60 and the tax is $0.07 for every dollar spent. How much money will you pay in tax when you buy the iPod?**

6. Use <, >, or = to compare the products. 2.43 x 10 _____ 243 x 0.1	7. Find the product of 0.8 and 0.02

Solve. Show your work.

8. Explain the steps needed to solve the following problem: 3.42 x 0.55 _____ _____ _____ _____ _____ _____ _____ _____	9. Andrea multiplied 8.31 by 2.3 and her product was 19.113 Is the product correct? Explain how you know. _____ _____ _____ _____ _____ _____ _____ _____
10. Multiply: 56 x 0.001	11. What happens to 6.56 when you multiply it by 1.3? A. The product is greater than 6.56 B. The product is one half of 6.56 C. The product is equal to 6.56 D. The product is less than 6.56
12. Multiply: 4.23 x 1.7	13. Draw a picture to show this story problem. Xavier bought 5 candybars that each cost $0.89.