Multiplication and division notes page: name:

*For each problem, tell whether it is multiplication, partitive division or measurement division. Sketch a diagram of what it might look like when direct modeled, and write a number sentence (equation).*

1. Megan has 5 bags of cookies with 3 cookies in each bag. How many cookies does Megan have?

2. Megan has 15 cookies. She puts the cookies into 5 bags with the same number of cookies in each bag. How many cookies does she put in each bag?

3. Megan has 15 cookies. She puts 3 cookies in each bag. How many bags can she fill?

4. A snail moves 2 feet in one hour. How many feet will it move in 4 hours?

5. A snail moved 8 feet in 4 hours. If it moved the same speed the whole way, how far did it move in 1 hour?

6. A snail moves at two feet per hour. How many hours will it take for the snail to move 8 feet?

7. Sam has four times as many pencils as pens. He has three pens. How many pencils does Sam have?

8. Sam has 12 pencils. He has three times as many pencils as pens. How many pens does Sam have?

9. Sam has 12 pencils and 3 pens. How many times as many pencils as pens does he have?

Check out these web sites with math games/teaching tools (multiplication and division).

<http://www.multiplication.com/games/play/carls-cookie-capers>

<http://www.multiplication.com/games/play/bird-haven-common-core>

<https://www.ixl.com/math/grade-3/divide-by-counting-equal-groups>

<https://www.ixl.com/math/grade-3/write-division-sentences-for-groups>

<http://www.multiplication.com/games/play/fish-shop-warehouse-common-core>

10. What do these games have that this one doesn’t have?

<http://www.multiplication.com/games/play/aquatic-speedway>

11. I couldn’t find as many division games that had what I wanted for this assignment. Brainstorm what a better division game could be like (for someone to create). If you know a good division game online, you can instead give me the link to it and tell me why you think it’s a good game for what I’m looking for.