

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?

mult

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?

partition

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

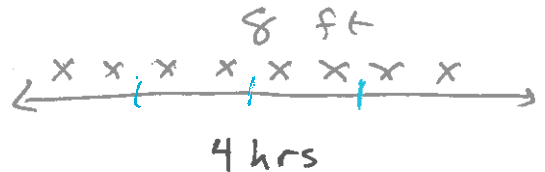
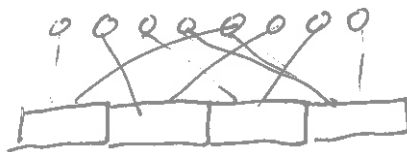
don't know # of bags (groups)  
do know size of bag (3 cookies)

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

mult

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?

partition



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

Measurement  
2, 4, 6, 8 skip-count

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

mult.



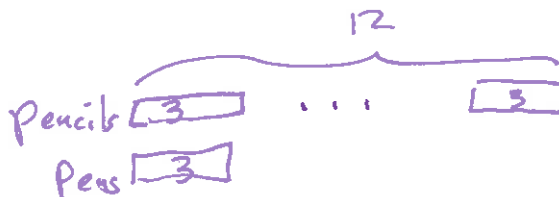
8. Sam has 12 pencils. He has three times as many pencils as pens. How many pens does Sam have?

3 groups of a number we don't know



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

Measurement



Rates

Multiplicative comparison