Division Word Problems - Guided Lesson Explanation
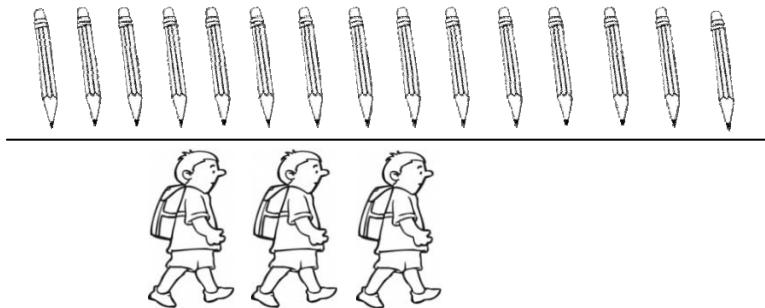
Explanation to #1

Step 1) Identify what is being asked of you.

"**How many pencils will each student get** from the teacher?"

Step 2) We are looking to distribute pencils to each student equally. So we have to find out how many students there are and how many pencils there are.

There are 15 pencils and 3 students.

$$\frac{\text{Number of pencils}}{\text{Number of students}}$$

$$= \frac{15}{3}$$

Step 3) Divide the pencils to be distributed among the 3 students equally. When the number of pencils is divided by number of students it gives us 5. So each student gets 5 pencils.

Explanation to #2

Step 1) We know to find out the number of cups in each row, we have to divide the cups equally between the rows.
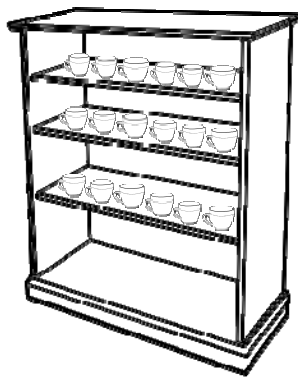
Step 2a)   He has 3 rows and 18 cups

$$18 \div 3 = 6$$

Step 2b) We could arrange the number of cups equally in each row to be displayed by placing 6 cups in each row.
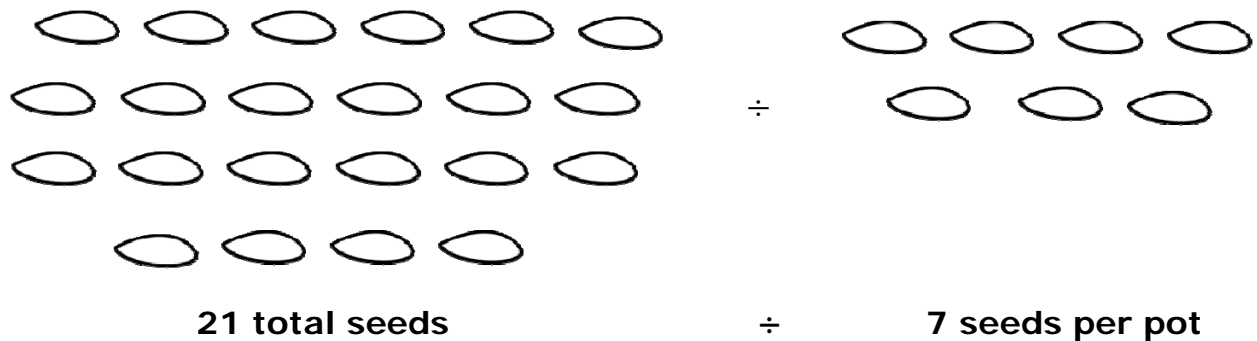
Name _____   Date _____

The picture above has 6 numbers of cups in each row.

Explanation to #3

In this question, we have to calculate the number of pots of seeds he planted.

Step 1) The total number of seeds to be planted should be divided by the number of seeds to be planted in each pot.

21 total seeds   ÷   **7 seeds per pot**

As we can see above, the number of seeds to be planted is divided by the number of seeds to be planted in each pot.

21 ÷ 7 = 3

3 pots will be needed to plant the seeds in this fashion.