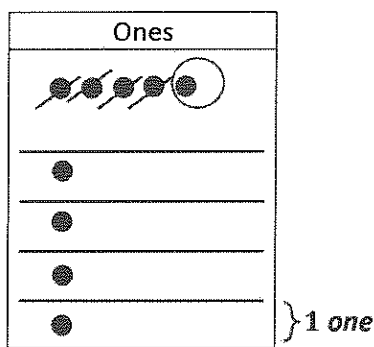


### G4-M3-Lesson 17

Show the division using disks. Relate your model to long division. Check your quotient by using multiplication and addition.

1.  $5 \div 4$



$$\begin{array}{r} 1 \text{ R}1 \\ 4 \overline{) 5} \\ - 4 \\ \hline 1 \end{array}$$

quotient = 1

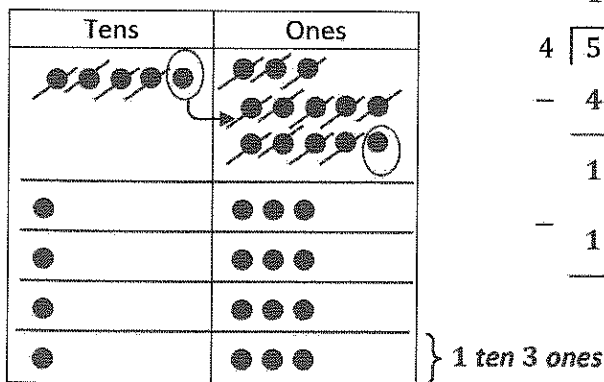
remainder = 1

Check your work.

$$\begin{array}{r} 4 \quad 4 \\ \times 1 \quad + 1 \\ \hline 4 \quad 5 \end{array}$$

Just like Lesson 16, I model the whole and partition the chart into 4 parts to represent the divisor.

2.  $53 \div 4$



$$\begin{array}{r} 13 \text{ R}1 \\ 4 \overline{) 53} \\ - 4 \quad \\ \hline 13 \\ - 12 \\ \hline 1 \end{array}$$

quotient = 13

remainder = 1

Now, I have 13 ones. I can distribute 12 ones evenly, but 1 one remains.

Check your work.

$$\begin{array}{r} 13 \quad 52 \\ \times 4 \quad + 1 \\ \hline 52 \quad 53 \end{array}$$