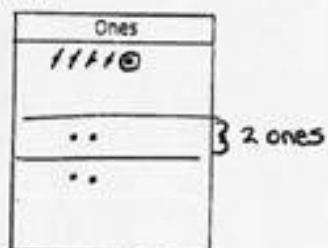


Name Jack Date _____

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

1. $5 \div 2$



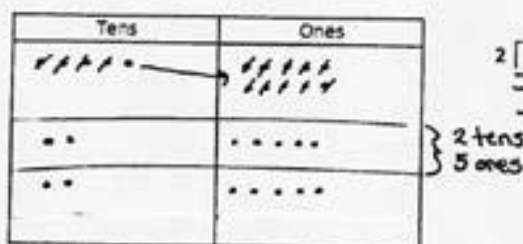
$$\begin{array}{r} 2 \overline{) 5} \\ \underline{-4} \\ 1 \end{array}$$

quotient = 2
remainder = 1

Check Your Work

$$\begin{array}{r} 2 \quad 4 \\ \times 2 \quad + 1 \\ \hline 4 \quad 5 \end{array}$$

2. $50 \div 2$



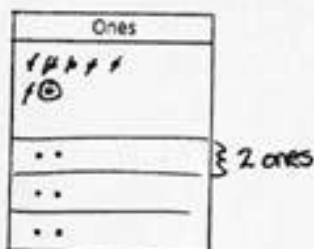
$$\begin{array}{r} 25 \\ 2 \overline{) 50} \\ \underline{-4} \\ 0 \\ \underline{-0} \\ 0 \end{array}$$

quotient = 25
remainder = 0

Check Your Work

$$\begin{array}{r} 25 \\ \times 2 \\ \hline 50 \end{array}$$

3. $7 \div 3$



$$\begin{array}{r} 2 \text{ R} 1 \\ 3 \overline{) 7} \\ \underline{-6} \\ 1 \end{array}$$

quotient = 2
remainder = 1

Check Your Work

$$\begin{array}{r} 2 \quad 6 \\ \times 3 \quad + 1 \\ \hline 6 \quad 7 \end{array}$$

4. $75 \div 3$

Tens	Ones
..
..
..

2 tens
5 ones

$$\begin{array}{r} 25 \\ 3 \overline{) 75} \\ \underline{-6} \\ 15 \\ \underline{-15} \\ 0 \end{array}$$

quotient = 25

remainder = 0

Check Your Work

$$\begin{array}{r} 25 \\ \times 3 \\ \hline 75 \checkmark \end{array}$$

5. $9 \div 4$

Ones
..
..
..
..

2 ones

$$\begin{array}{r} 2 R1 \\ 4 \overline{) 9} \\ \underline{-8} \\ 1 \end{array}$$

quotient = 2

remainder = 1

Check Your Work

$$\begin{array}{r} 2 \quad 8 \\ \times 4 \quad + 1 \\ \hline 8 \quad 9 \checkmark \end{array}$$

6. $92 \div 4$

Tens	Ones
..	...
..	...
..	...
..	...

2 tens
3 ones

$$\begin{array}{r} 23 \\ 4 \overline{) 92} \\ \underline{-8} \\ 12 \\ \underline{-12} \\ 0 \end{array}$$

quotient = 23

remainder = 0

Check Your Work

$$\begin{array}{r} 23 \\ \times 4 \\ \hline 92 \checkmark \end{array}$$

