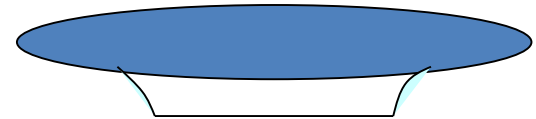
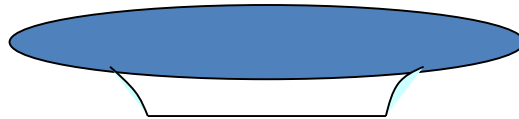
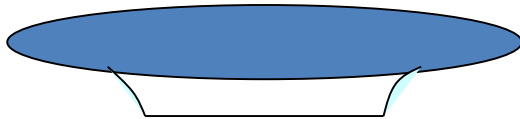
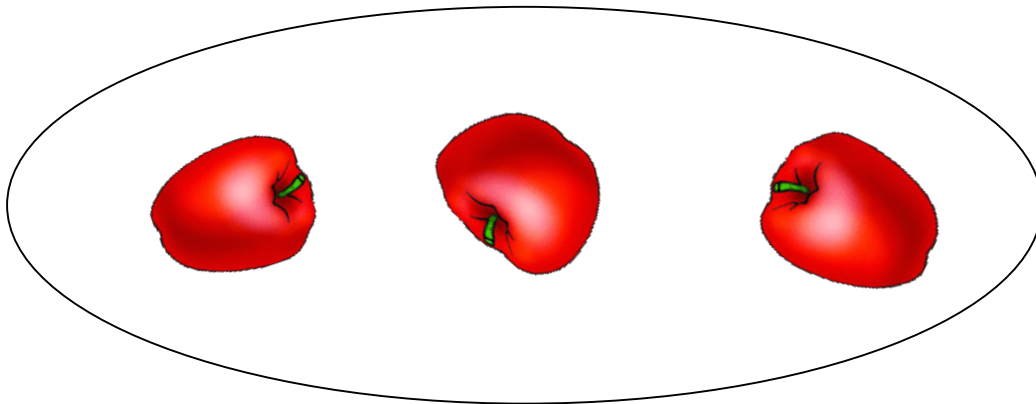


The total
number of
apples

The
number of
animals

The number
of apples in
each group

$$3 \div 3 = 1$$



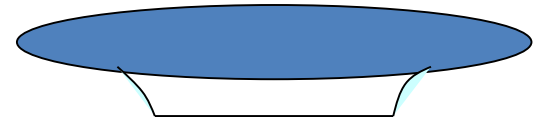
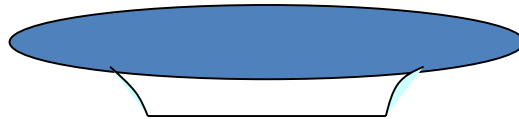
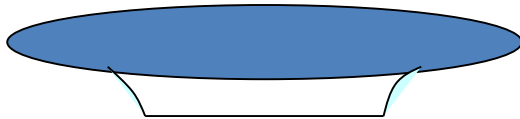
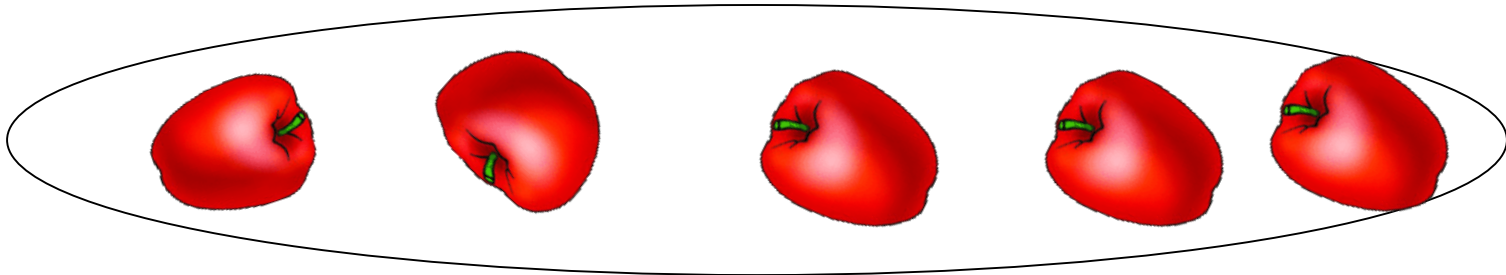
The total
number of
apples

The
number of
animals

The number
of apples in
each group

The number of
apples left

$$5 \div 3 = 1 \text{ r } 2$$



Let's review the long column method.

$$7 \div 3 = 2 \text{ r } 1$$

$$\begin{array}{r} 2 \\ \hline 3 \overline{) 7} \\ \underline{6} \leftarrow 3 \times 2 \\ 1 \leftarrow 7 - 6 \end{array}$$



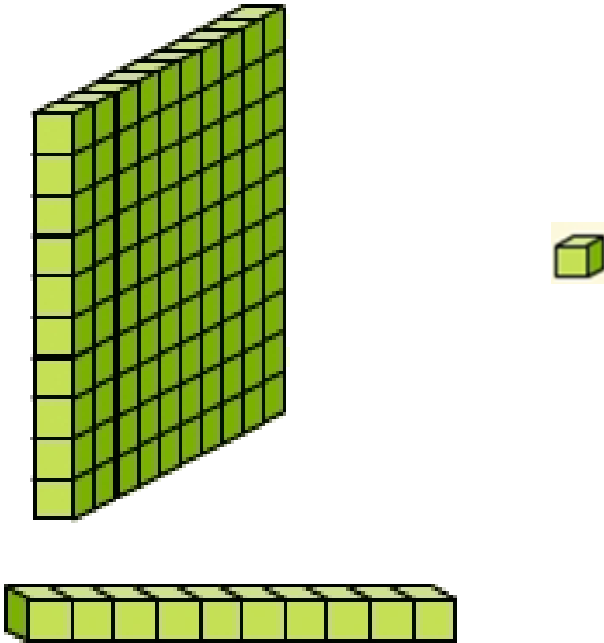
Quotient

Multiplication

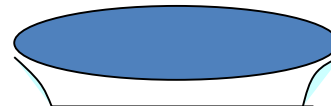
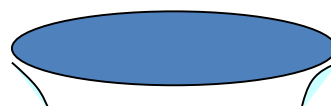
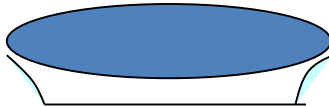
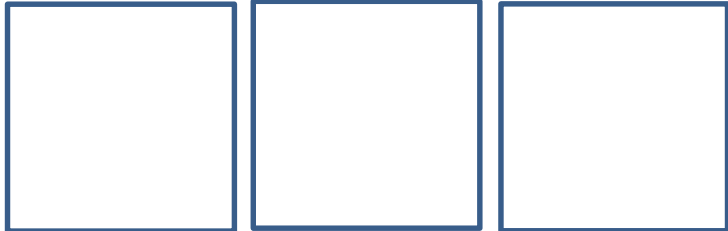
Subtraction

Remainder

**396 apples were shared equally between 3 animals.
How many apples did each animal get?**



Simple picture:




what's the difference?

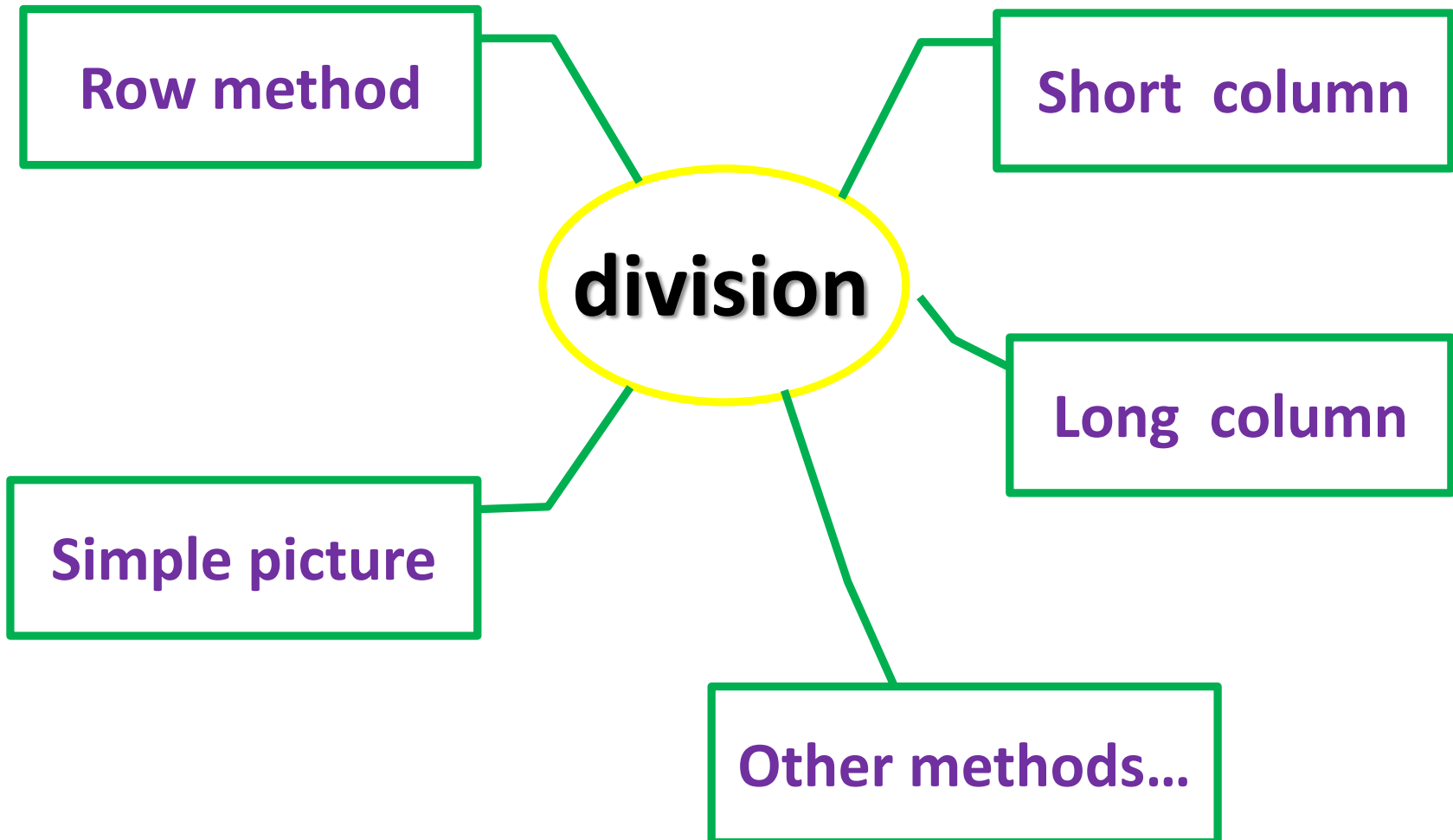


$$\begin{array}{r} 132 \\ 3 \overline{) 396} \\ \underline{300} \\ 96 \\ \underline{90} \\ 6 \\ \underline{6} \\ 0 \end{array}$$

hundreds tens ones


$$\begin{array}{r} 132 \\ 3 \overline{) 396} \\ \underline{3} \quad 3 \times 100 \\ 9 \\ \underline{9} \quad 3 \times 30 \\ 6 \\ \underline{6} \quad 3 \times 2 \\ 0 \end{array}$$

84 sweets were shared equally between 4 children. How many sweets did each child get?



$$84 \div 4 = 21$$

short column:

$$\begin{array}{r} 21 \\ \hline 4 \overline{) 84} \end{array}$$

Long column:

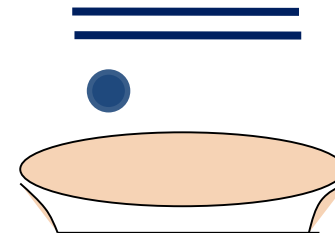
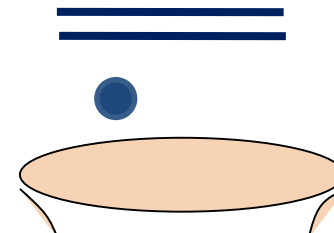
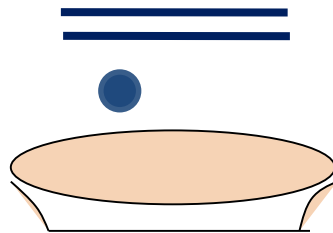
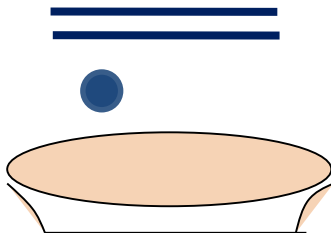
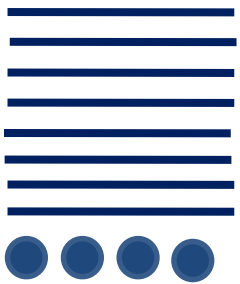
$$\begin{array}{r} 21 \\ \hline 4 \overline{) 84} \\ 8 \\ \hline 4 \\ 4 \\ \hline 0 \end{array}$$

Row method: $80 \div 4 = 20$


$$4 \div 4 = 1$$

$$20 + 1 = 21$$

Simple picture:



$$\begin{array}{r}
 132 \\
 \hline
 3 \overline{) 396} \\
 \underline{3} \\
 9 \\
 \underline{9} \\
 6 \\
 \underline{6} \\
 0
 \end{array}$$

$$\begin{array}{r}
 132 \\
 \hline
 3 \overline{) 396} \\
 \underline{ 6} \\
 9 \\
 \underline{9} \\
 3 \\
 \underline{3} \\
 0
 \end{array}$$


Can we start from the ones place?