

2 - Digit by 1 - Digit Division

What is $47 \div 3$?

REMEMBER these steps:

DIVIDE **M**ULTIPLY **S**UBTRACT **C**OMPARE **B**RING DOWN

$\begin{array}{r} \overline{3)47} \\ \underline{3} \\ 1 \end{array}$	D the tens. M S C	$4 \div 3 = 1$ $3 \times 1 = 3$ $4 - 3 = 1$ $1 < 3$
$\begin{array}{r} \overline{3)47} \\ \underline{3} \downarrow \\ 1 \end{array}$	B DOWN?	YES. Bring down 7 to make 17.
$\begin{array}{r} \overline{3)47} \\ \underline{3} \\ 17 \\ \underline{15} \\ 02 \end{array}$	D the ones. M S C	$17 \div 3 = 5$ $3 \times 5 = 15$ $17 - 15 = 2$ $2 < 3$
$\begin{array}{r} \overline{3)47} \\ \underline{3} \\ 17 \\ \underline{15} \\ 02 \end{array}$	B DOWN?	Nothing is left to bring down. If the number left over is less than the divisor, record it as the remainder.

Examples:**A- Divide and record.**

1) $78 \div 6$

$$\begin{array}{r}
 13r\ 0 \\
 6 \overline{)78} \\
 \underline{-6} \\
 18 \\
 \underline{-18} \\
 0
 \end{array}$$

2) $67 \div 5$

$$\begin{array}{r}
 13r\ 2 \\
 5 \overline{)67} \\
 \underline{-5} \\
 17 \\
 \underline{-15} \\
 2
 \end{array}$$

3) $78 \div 6$

$$\begin{array}{r}
 11r\ 0 \\
 9 \overline{)99} \\
 \underline{-9} \\
 09 \\
 \underline{-9} \\
 0
 \end{array}$$

B- Use mental math to complete the pattern.

1) $63 \div 7 = 9$

$630 \div 7 = \underline{90}$

$6,300 \div 7 = \underline{900}$

$63,000 \div 7 = \underline{9,000}$

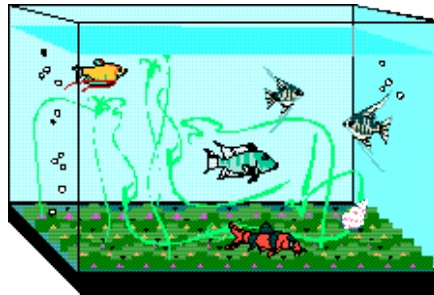
2) $\underline{48} \div 6 = 8$

$480 \div 6 = \underline{80}$

$4,800 \div 6 = \underline{800}$

$\underline{48,000} \div 6 = 8,000$

Dani placed 45 fish equally into 5 aquariums. How many fish did Dani place in each aquarium?



$$\begin{array}{r} 9 \\ 5 \overline{)45} \\ \underline{-45} \\ 0 \end{array}$$

Dani places 9 fish in each aquarium.