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# More Dicey Operations

## Multiplication

$$\begin{array}{r} \boxed{A} \quad \boxed{B} \\ \times \quad \boxed{C} \\ \hline \end{array}$$

The main strategy is to decide which No. should be ~~A~~ to multiply by C to get closest to 100. Once we have done that B can be done, e.g. 9, 7, 3. Now I will choose C as 3 because the other 2 No are big and 3 is the smallest. Then I will

$$\begin{array}{r} \boxed{A} \quad \boxed{B} \\ \times \quad \boxed{3} \\ \hline \end{array}$$

Next I will put 7 on A because 7 is now the smallest.

$$\begin{array}{r} \boxed{7} \quad \boxed{B} \\ \times \quad \boxed{3} \\ \hline \end{array}$$

and 9 can only come in B:

$$\begin{array}{r} \boxed{7} \quad \boxed{9} \\ \times \quad \boxed{3} \\ \hline \end{array}$$

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making 237 which is the closest to 100.

Ex 1

252

$$\begin{array}{r} 52 \\ \times 2 \\ \hline 104 \end{array}$$

Ex 2

585

$$\begin{array}{r} 58 \\ \times 5 \\ \hline 290 \end{array}$$

Ex 3

673

$$\begin{array}{r} 67 \\ \times 3 \\ \hline 201 \end{array}$$

Ex 4

354

$$\begin{array}{r} 45 \\ \times 3 \\ \hline 135 \end{array}$$

Ex 5

635

$$\begin{array}{r} 56 \\ \times 3 \\ \hline 168 \end{array}$$

## Division

The main strategy is that you have to see which of the 3 NO. in dividily multiply by 10 is closest to a NO. formed by the other 2 digits

Ex1

378

$8 \overline{) 73}$

Ex2

970

$8 \overline{) 70}$

Ex3

282

$14 \overline{) 28}$

Ex4

849

$9 \overline{) 89}$