

1) ^{Mana} $123 \div 3 \checkmark$ $12 \div 2 \checkmark$ $1 \div 1 \checkmark$ yes
 $321 \div 3 \checkmark$ $32 \div 2 \checkmark$ $3 \div 1 \checkmark$

2.) No because the only numbers that you can make with 1,2,3,4 which are in the 4 times tables are: 12, 24 and 32. It does not work:

$34 \textcircled{2} / 43 \textcircled{2} \div 4 \checkmark$
 $3412 / 4312 \div 3 \times$ ~~$3124 / 1324 \div 4 \checkmark$~~

$3124 / 1324 \div 3 \times$ ~~$1432 / 4132 \div 4 \checkmark$~~

$1432 / 4132 \div 3 \times$ ~~32~~

There is also a pattern the 2nd and 4th digits have to be even and the 1st and 3rd digits have to be odd it should look a bit like

o	e	o	e
1 st	2 nd	3 rd	4 th

so if the 2nd and 4th digits are

e = even
o = odd

not even then you know straight away that it will not work.

e.g.

e	o	o	e
1 st	2 nd	3 rd	4 th

Or if the 1st and 3rd do not have an odd number - then you know straight away that it will not work.