***REPEATING DECIMALS TRICK!!***

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| .1 |  |  |  |  |
| .8 |  |  |  |  |
| .3  ***NOTE! The denominator has to be bigger…so keep adding zeros to 1, until the denominator is larger than the numerator.*** |  |  |  | ***NOTE! The denominator has to be bigger than the numerator …so if all of the numbers are under the repeating decimal bar, the keep adding 9’s in the denominator until it is larger than the numerator.*** |
| .23 |  |  |  |  |
| .72 |  |  |  |  |
| .85 |  |  |  |  |
| .125 |  |  |  | …if not, then… |
| .837 |  |  |  |  |
| .53 |  |  | (53 – 5=) | ***NOTE! To find the numerator …subtract the numbers not under the repeating decimal bar from the number that is given, and put that number in the numerator.*** |
| .45 |  |  | (45 – 4=) |  |
| .382 |  |  | (382 – 38=) |  |
| .217 |  |  | (217 – 21=) | ***NOTE! When only 1 or 2 numbers are under the repeating decimal bar, put 9’s in the denominator for every # under the repeating decimal bar…and add zeros to that number until it is larger than the numerator.*** |
| .692 |  |  | (692 – 6=) |  |
| .558 |  |  | (558 – 5=) |  |
| .8125 |  |  | (8125 – 8=) |  |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| .89 |  |  |  |  |
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|  |  |  |  |  |
| .621 |  |  |  |  |
| .435 |  |  |  |  |
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|  |  |  |  |  |
| .2 |  |  |  |  |
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| .78 |  |  |  |  |
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***REPEATING DECIMALS WORKSHEET***

***REPEATING DECIMALS WORKSHEET***

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