LEVEL 14 LEARNING

$\begin{array}{rrrrr} 7-2=2 & 7+2=0 & 3-c-1 \\ 8=1 & 2+2=1 & 3+3=0 \\ 8+2=10 & 11+7=15 & 7+8=0 \\ 6-7=2 & 6-2=17 & 11+7=15 & 7+8=0 \\ 11-10=1 & 8+2=10 & 8-2=6 & 5+7=19 \end{array}$

Multiplication and Division

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www.colorpencil.com hello@colorpencil.com 3 digit and 4 digit moving multiplier

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Explanation : To multiply 3 digit or 4 digit number with more number of digits, we can use moving multiplier method. If the multiplier is a 3 digit number, start with vertical multiplication, two cross, then three cross, shift the multiplier to the left side, again do three cross and shift the multiplier repeat the same till there will be no more digits to shift then end with 2 cross and vertical multiplication of the left most digit.
Pattern for 6 digit x 3 digit multiplication

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If the multiplier is a 4 digit number, start with vertical multiplication, two cross, three cross, then 4 cross, shift the multiplier to the left side, again do four cross and shift the multiplier repeat the same till there will be no more digits to shift then end with 3cross, 2 cross and vertical multiplication of the left most digit.

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Pattern for 6 digit x 4 digit multiplication

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3 5 2 x

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Example : Multiply

582,144 x 352

5 8 2







