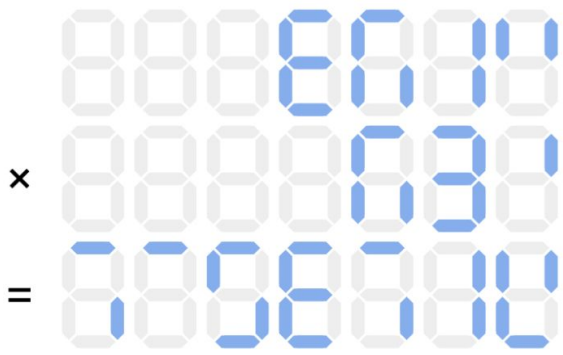
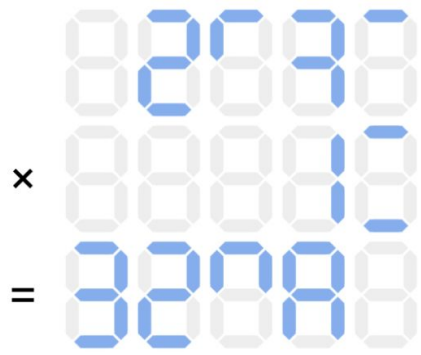
Old Calculators

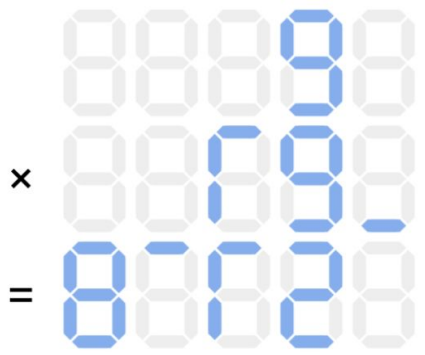
Each equation represents a calculation done on an old calculator where some of the lights have burned out. If you look at an old 4-function calculator, usually only one number will appear on the console at a time-- thus each number in the equation will have the same burned out segments. So the puzzle is to figure out a set of 3 numbers and burned out segments for each equation that works with this premise. The flavortext “but they’re as new as possible” indicates that when there’s a light where it’s ambiguous whether it’s burned out, assume it is *not*.



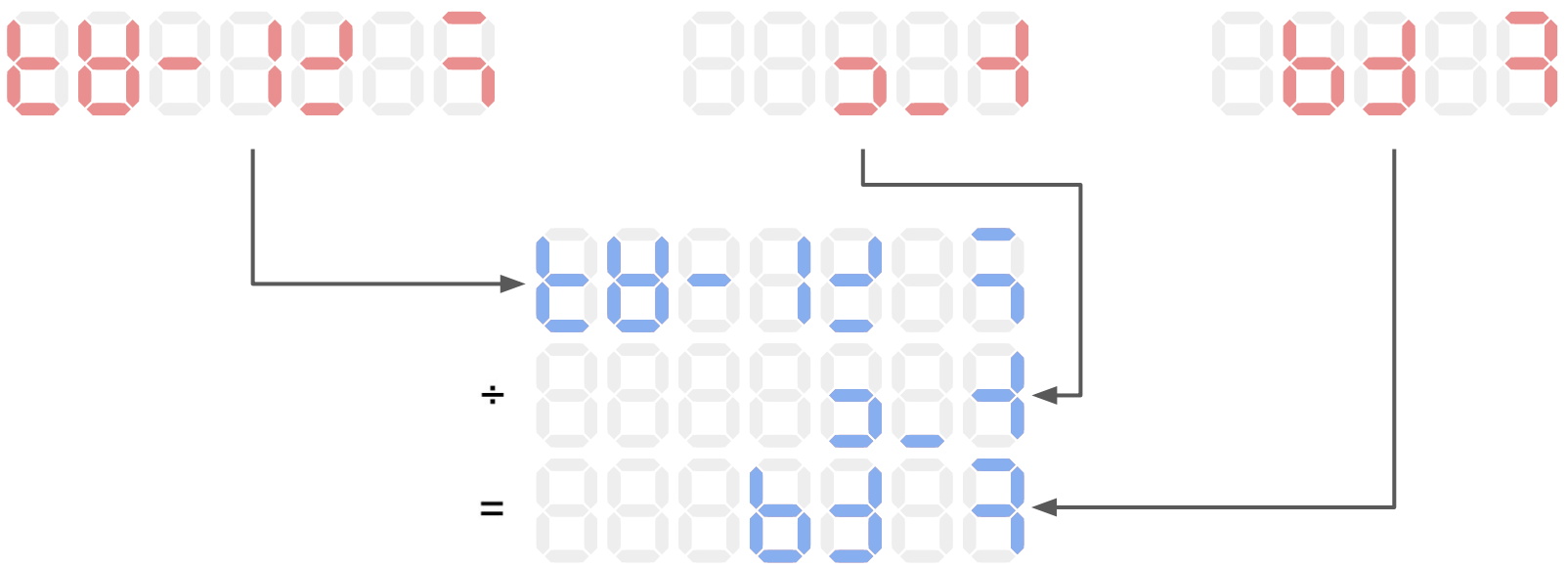
6614 × 1037 = 6858718



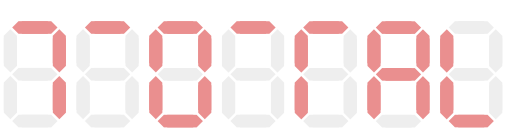
2537 × 13 = 32981



97 × 893 = 86621



8881276 ÷ 524 = 16949



= **TOTAL**