PhuTAri 2-Cell - Hard

214112606414299   1851041   33511   3362347   4757   71   29   2531863

1464415917371   19   23   47771   1918031   39061

$$19 = 19$$
$$23 = 23$$
$$29 = 29$$
$$71 = 71$$
$$4757 = 71 \times 67$$
$$33511 = 47 \times 31 \times 23$$
$$39061 = 67 \times 53 \times 11$$
$$47771 = 67 \times 31 \times 23$$
$$1851041 = 71 \times 31 \times 29 \times 29$$
$$1918031 = 59 \times 59 \times 29 \times 19$$
$$2531863 = 67 \times 53 \times 31 \times 23$$
$$3362347 = 71 \times 71 \times 29 \times 23$$
$$1464415917371 = 71 \times 59 \times 53 \times 31 \times 29 \times 29 \times 23 \times 11$$
$$214112606414299 = 67 \times 67 \times 59 \times 53 \times 47 \times 31 \times 29 \times 19 \times 19$$

Puzzle ID: 654FVY3G