Addition Prompt

Juan solved the addition problem 237 + 456 with a method he called the expanded partial sums algorithm. See his work below:

$$237 = 200 + 30 + 7$$

$$+\ 456 = 400 + 50 + 6$$

$$600 + 80 + 13 = 693$$

Can you use Juan's method to solve 519 + 246?

Subtraction Prompt

LaToya solved the subtraction problem 529 - 354 with a written method. See her work below:

$$529 = 500 + 20 + 9$$

$$\underline{-\ 354 = 300 + 50 + 4}$$

$$200 - 30 + 5 = 175$$

Can you use LaToya's method to solve 728 – 143?

Multiplication Prompt

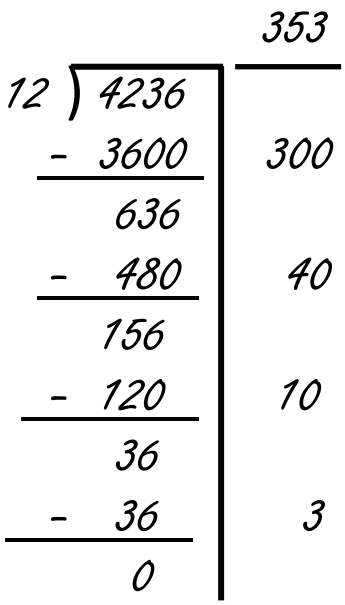
Trish solved the multiplication problem 53*48 with a method she called the partial products algorithm. See her work below:

```
   53
 * 48
 ----
 2000
  120
  400
+  24
 ----
 2544
```

Can you use Trish's method to solve 42*37?

Division Prompt

Dante solved the division problem 4236 ÷ 12 with a method he called the partial quotients algorithm. See his work below:



My Extended Facts

12 * 1 = 12
12 * 2 = 24
12 * 3 = 36
12 * 4 = 48
12 * 10 = 120
12 * 20 = 240
12 * 30 = 360
12 * 40 = 480
12 * 100 = 1200
12 * 200 = 2400
12 * 300 = 3600
12 * 400 = 4800

Can you use Dante's method to solve 5082 ÷ 11?