

Fourth Grade

Partial Quotients Model for Division

To help your child at home with division, try this strategy, and follow these steps:

$$2,442 \div 3 =$$

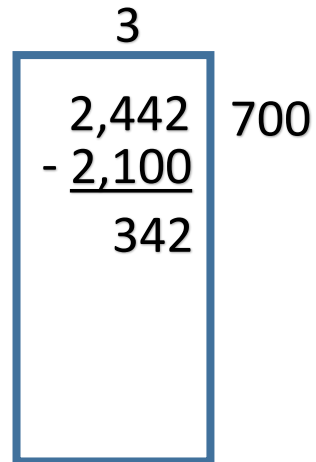
Step 1:

Draw a rectangle. Place the dividend inside and the divisor on top.



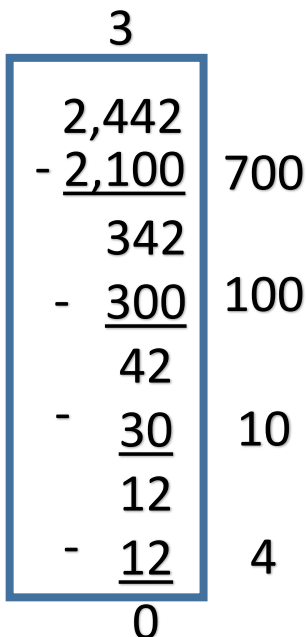
Step 2:

Pull out groups of 3. Place the number of groups on the outside. Place the total that was pulled out on the inside. Subtract.



Step 3:

Repeat step 2 with the remaining amount. Repeat until you have no more groups of 3 to pull out.



Step 4:

Add all of the groups to find the quotient.

