# **2x2 Multiplication**

The "Mom and Dad" Method

Step 1: Write one number on top of the other, making sure that the place values are lined up correctly (ones above ones, tens above tens).



Step 2: Start in the ones place. Multiply the ones by ones, and regroup if needed.



2 x 6 = 12. Put down the 2, and regroup the one. Circle what you carried over.

Step 3: Continue in the ones place. Multiply the ones by <u>tens</u> - do <u>not</u> regroup. Write down your full answer.



 $2 \times 3 = 6.$ 

6 + 1 = 7

Write down the 7. Cross out the 1 that you carried (so you don't accidentally use it later on).



Step 5: Multiply the tens by ones, and regroup if necessary.



 $4 \times 6 = 24$ .

Put down the 4, and regroup the two. Circle what you carried over.

Step 6: Continue in the tens place. Multiply the tens by <u>tens</u> - do <u>not</u> regroup. Write down your full answer.



 $4 \times 3 = 12$ . 12 + 2 = 14Write down the 14. Be sure to write the whole number.

Step 7: Add the two lines together. <u>Be sure that</u> <u>your place values are properly lined up.</u>

36 2 + 0 = 27 + 4 = 1142 (Put down the one and carry the other one) 72 1 + 4 = 51 + 0 = 1

Step 8: Bask in your awesomeness.

# 36 x 42 = 1,512