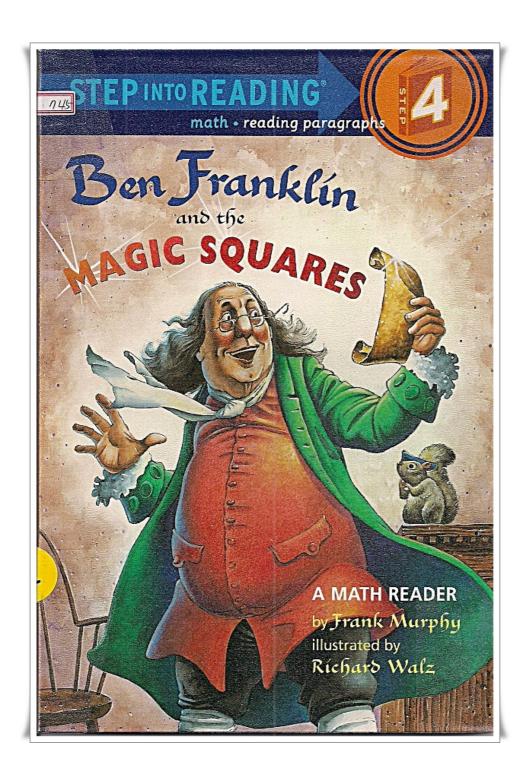
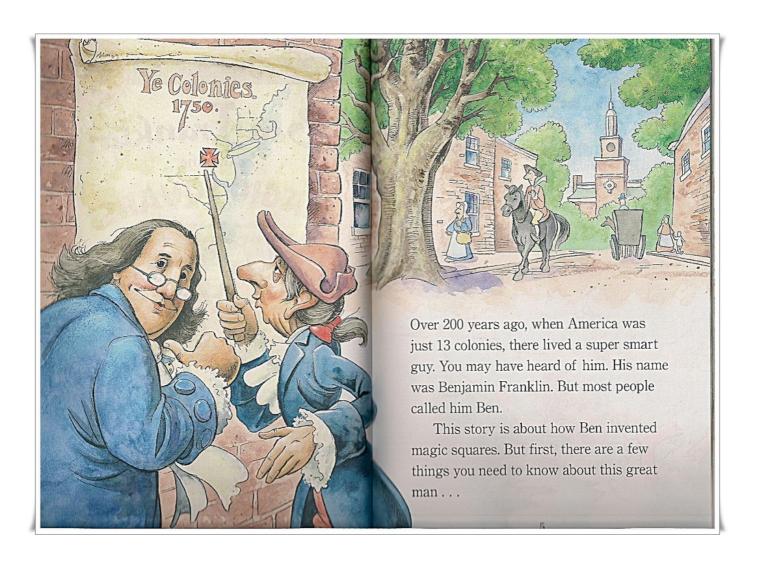
L4-Ben Franklin and the magic square(2-1)

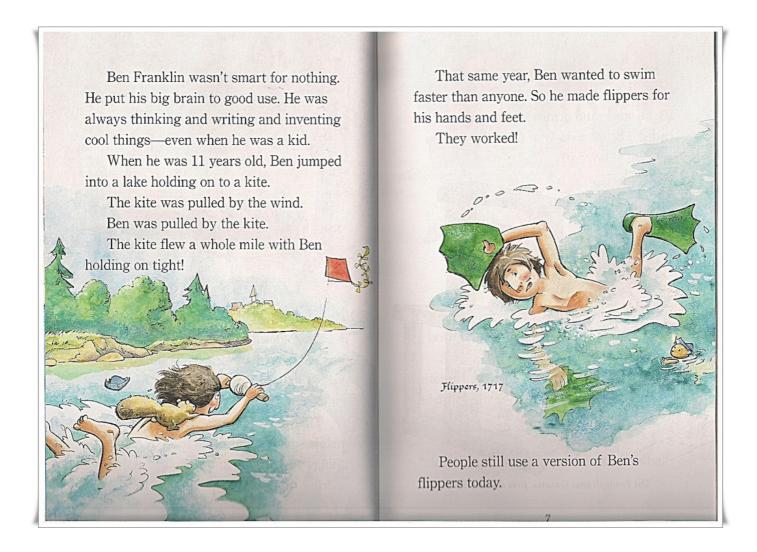
Advanced

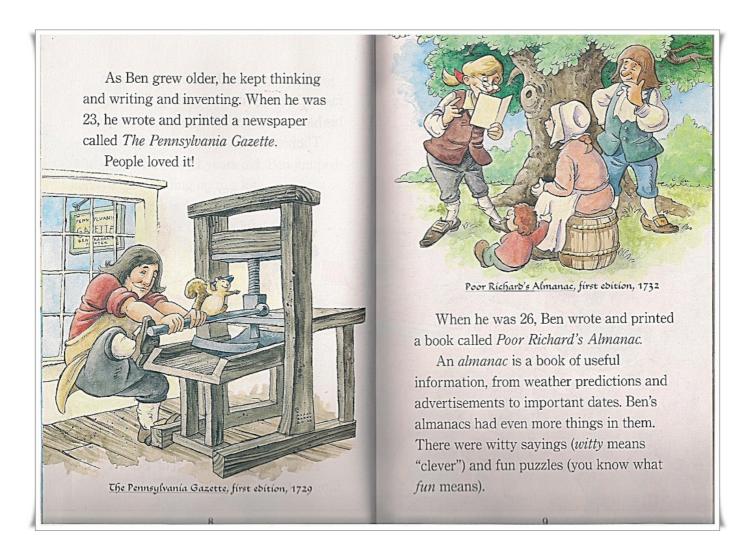
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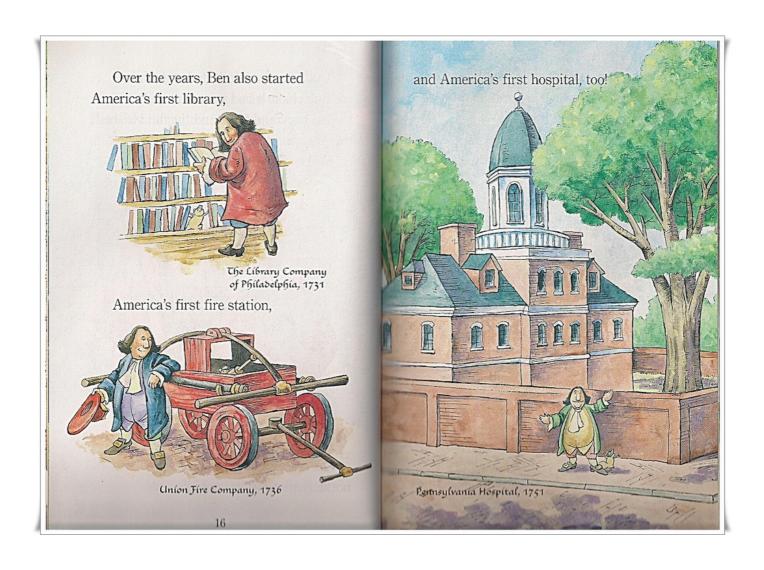


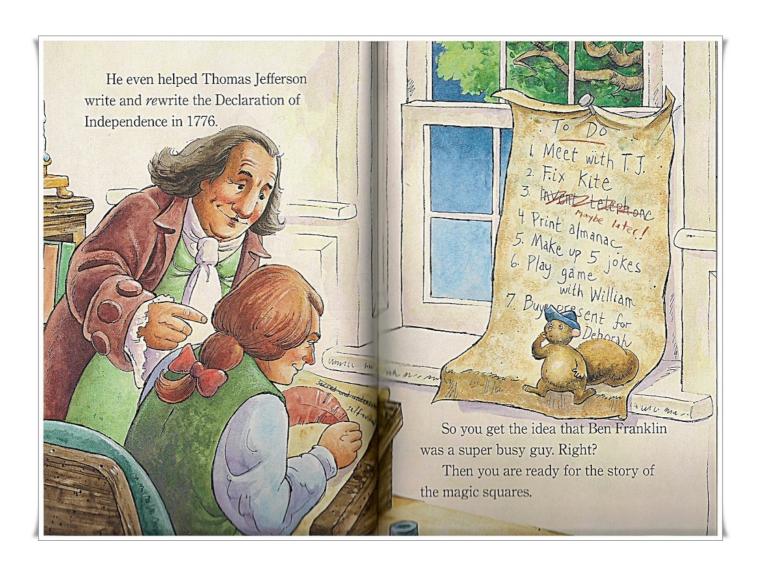


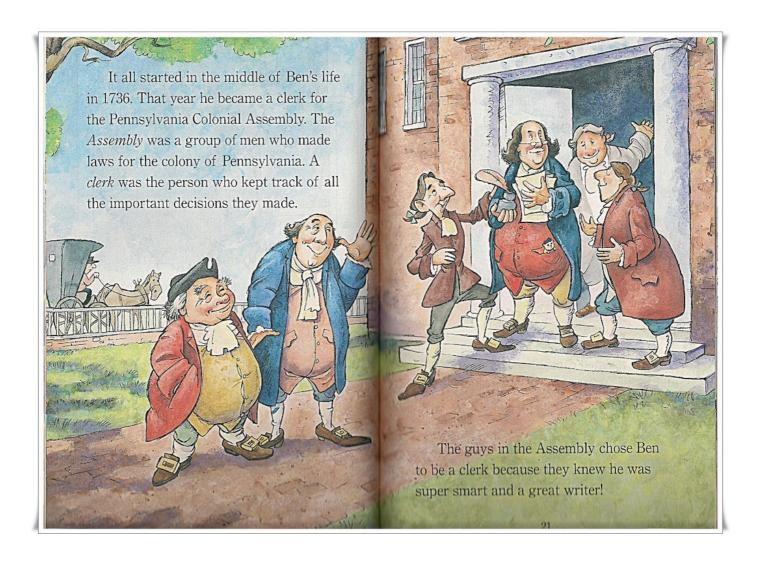


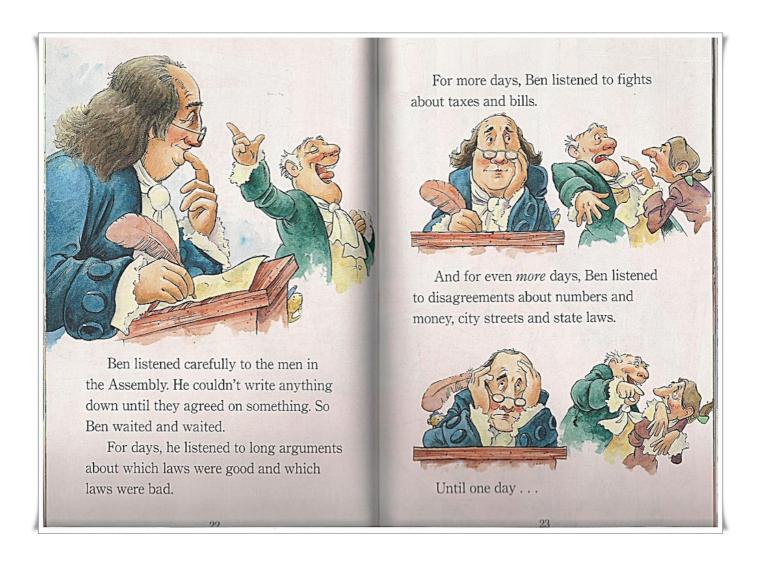
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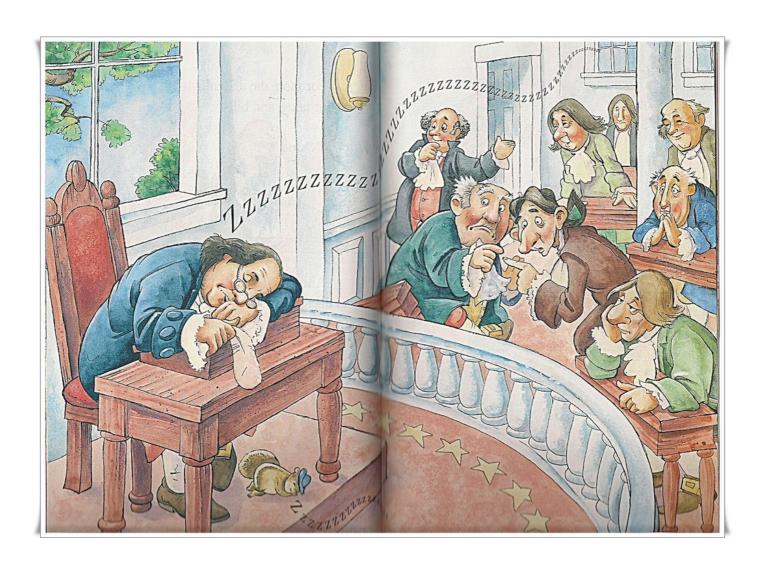


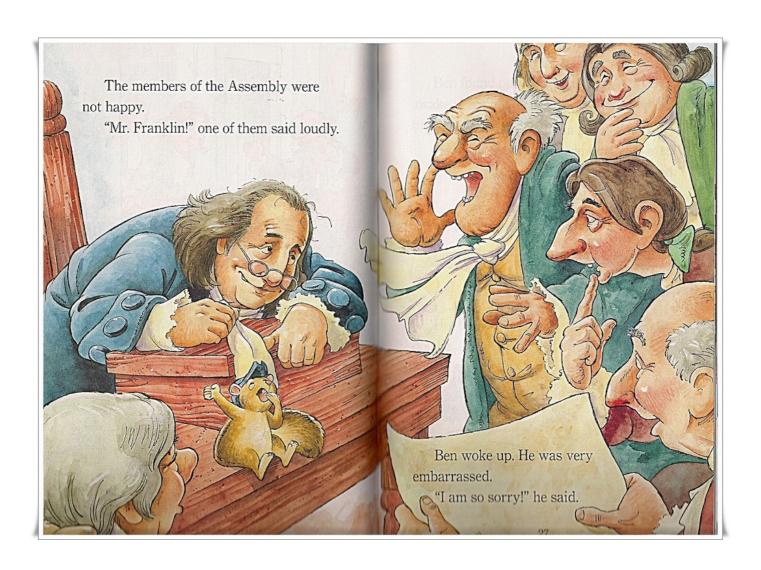
L4-Ben Franklin and the magic square(2-2)

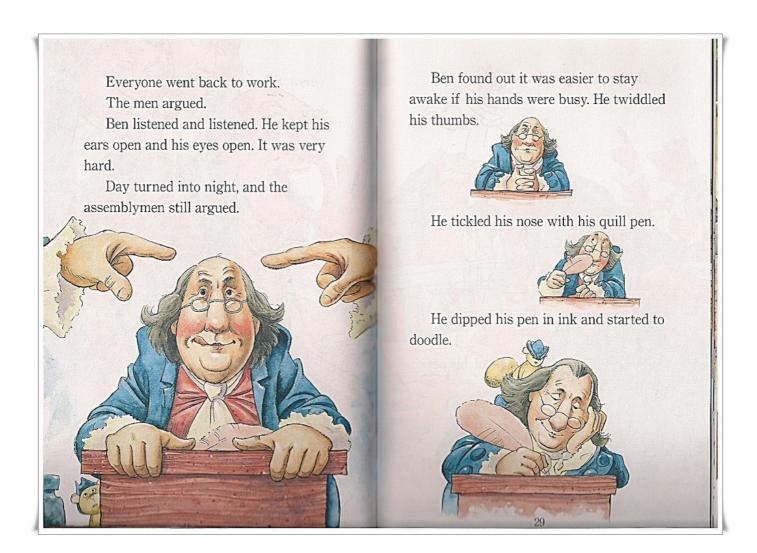
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He drew a square. Then he drew two lines going up and down and two lines going left and right. This made nine boxes in one big box.

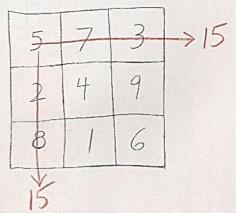
Ben wrote a different number in each box.

5	7	3
2	4	9
8	1	6

He stared at the box of numbers. He waited for an idea to pop into his head.

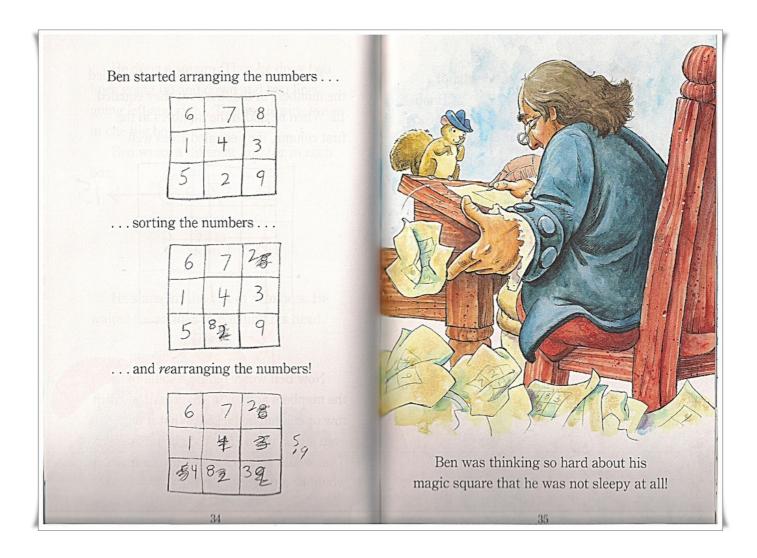


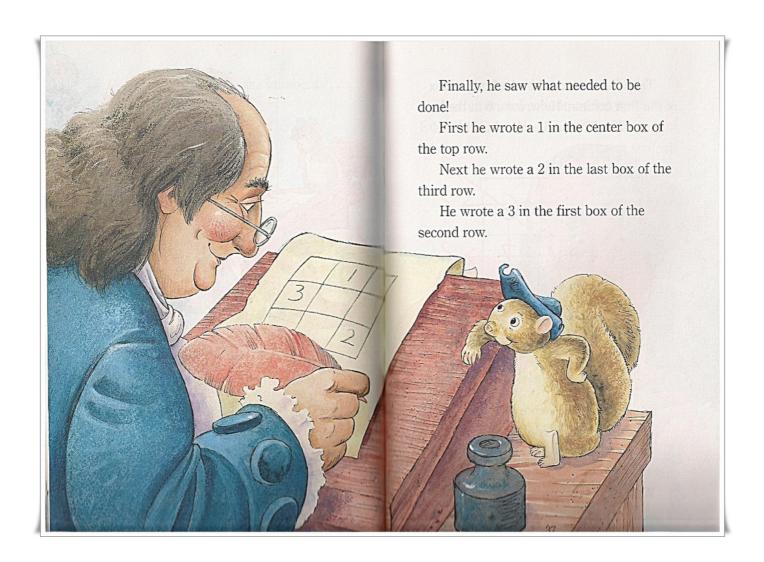
Ben noticed something! When he added the numbers in the first row, they equaled 15. When he added the numbers in the first column, they equaled 15 as well.



Now Ben wondered if he could make the numbers add up to 15 no matter which row or column he picked. What if they even added up to 15 in a diagonal line? That would be more than a math puzzle, it would be a magic square!

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Then Ben wrote a 4 in the bottom box of the first column. He wrote a 5 in the box in the center. Then a 6 in the third box of the first row.

Ben started adding.
Each row and column added up to 15.
Even the diagonals added up to 15!

Under the 6, Ben wrote a 7.
Ben wrote an 8 inside the first box of the top row. Finally, he wrote a 9 in the only box left.

Was it a magic square?

