STUDY LINK 5·8 | **Place-Value Puzzle**

Use the clues below to fill in the place-value chart.

Billions				Millions				Thousands				Ones		
100B	10B	1B	,	100M	10M	1M	,	100Th	10Th	1Th	,	100	10	1

1. Find $\frac{1}{2}$ of 24. Subtract 4. Write the result in the hundreds place.

2. Find $\frac{1}{2}$ of 30. Divide the result by 3. Write the answer in the ten-thousands place.

3. Find 30 ÷ 10. Double the result. Write it in the one-millions place.

4. Divide 12 by 4. Write the answer in the ones place.

5. Find 9 * 8. Reverse the digits in the result. Divide by 3.
   Write the answer in the hundred-thousands place.

6. Double 8. Divide the result by 4. Write the answer in the one-thousands place.

7. In the one-billions place, write the even number greater than 0
   that has not been used yet.

8. Write the answer to 5 ÷ 5 in the hundred-millions place.

9. In the tens place, write the odd number that has not been used yet.

10. Find the sum of all the digits in the chart so far.
    Divide the result by 5, and write it in the ten-billions place.

11. Write 0 in the empty column whose place value is less than billions.

12. Write the number in words. For example, 17,450,206 could be written as
    "17 million, 450 thousand, 206."

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Practice

13. 74 * 5 = _____

14. _____ = 396 * 8

15. _____ = 92 * 18

16. 56 * 47 = _____

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