

**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

- Find  $\frac{1}{2}$  of 24. Subtract 4. Write the result in the hundreds place.
  - Find  $\frac{1}{2}$  of 30. Divide the result by 3. Write the answer in the ten-thousands place.
  - Find  $30 \div 10$ . Double the result. Write it in the one-millions place.
  - Divide 12 by 4. Write the answer in the ones place.
  - Find  $9 * 8$ . Reverse the digits in the result. Divide by 3. Write the answer in the hundred-thousands place.
  - Double 8. Divide the result by 4. Write the answer in the one-thousands place.
  - In the one-billions place, write the even number greater than 0 that has not been used yet.
  - Write the answer to  $5 \div 5$  in the hundred-millions place.
  - In the tens place, write the odd number that has not been used yet.
  - 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.
  - Write 0 in the empty column whose place value is less than billions.
  - 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.**  $56 * 47 =$  \_\_\_\_\_