

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."

Practice

- $74 * 5 =$ _____
- _____ = $396 * 8$
- _____ = $92 * 18$
- $56 * 47 =$ _____