

**STUDY LINK**  
**4•1**

# Place-Value Puzzles



Use the clues to write the digits in the boxes and find each number.

- Write 5 in the tens place.
  - Find  $\frac{1}{2}$  of 24. Subtract 4. Write the result in the hundreds place.
  - Add 7 to the digit in the tens place. Divide by 2. Write the result in the thousands place.
  - In the ones place, write an even number greater than 2 that has not been used yet.

1,000s	100s	10s	1s

- Divide 15 by 3. Write the result in the hundredths place.

100s	10s	1s	.	0.1s	0.01s	0.001s

- Multiply 2 by 10. Divide by 10. Write the result in the ones place.
- Write a digit in the tenths place that is 4 more than the digit in the hundredths place.
- Add 7 to the digit in the ones place. Write the result in the thousandths place.

- Write the result of  $6 * 9$  divided by 18 in the ones place.

10s	1s	.	0.1s	0.01s	0.001s

- Double 8. Divide by 4. Write the result in the thousandths place.
- Add 3 to the digit in the thousandths place. Write the result in the tens place.
- Write the same digit in the tenths and hundredths place so that the sum of all the digits is 14.

## Practice

Write true or false.

4.  $6 * 5 = 15 + 15$  \_\_\_\_\_    5.  $15 + 7 < 13 - 8$  \_\_\_\_\_    6.  $72 / 9 > 9$  \_\_\_\_\_