

## Practice 3 Multiples

Fill in the table with the multiples of each given number.

*Example*

Number	First Multiple	Second Multiple	Third Multiple	Fourth Multiple	Fifth Multiple
4	4	8	12	16	20

4, 8, 12, 16, and 20 are multiples of 4.

To find a multiple of a number, multiply it by whole numbers starting from 1.



Number	First Multiple	Second Multiple	Third Multiple	Fourth Multiple	Fifth Multiple
1. 7					
2. 8					
3. 9					

**Fill in the blanks.**

4. The first multiple of 9 is \_\_\_\_\_.
5. The second multiple of 8 is \_\_\_\_\_.
6. The first twelve multiples of 7 are \_\_\_\_\_  
\_\_\_\_\_.
7. The seventh multiple of 7 is \_\_\_\_\_.
8. The twelfth multiple of 7 is \_\_\_\_\_.

**Check (✓) the correct box and fill in the blank when necessary.**

**9.** Is 32 a multiple of 6?

☐ Yes, it is the \_\_\_\_\_ multiple of 6.

☐ No, it is not a multiple of 6.

**10.** Is 63 a multiple of 9?

☐ Yes, it is the \_\_\_\_\_ multiple of 9.

☐ No, it is not a multiple of 9.

**Use the numbers in the boxes to make your lists.**

**30**

**84**

**15**

**63**

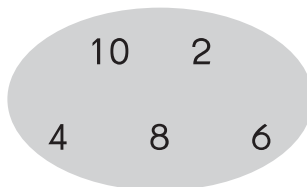
**56**


**24**

**11.** Multiples of 3 \_\_\_\_\_ **12.** Multiples of 8 \_\_\_\_\_


**Each shaded area shows some of the multiples of a number.  
Write the number in the box to the left of each shaded area.**

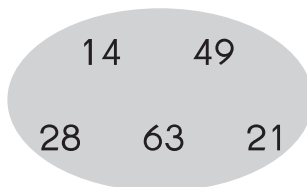
**13.** 



**14.** 



**15.** 



**Find the common multiples and the least common multiple.***Example*

$1 \times 2 = 2$	$1 \times 3 = 3$
$2 \times 2 = 4$	$2 \times 3 = 6$
$3 \times 2 = 6$	$3 \times 3 = 9$
$4 \times 2 = 8$	$4 \times 3 = 12$
$5 \times 2 = 10$	$5 \times 3 = 15$
$6 \times 2 = 12$	$6 \times 3 = 18$
$7 \times 2 = 14$	
$8 \times 2 = 16$	
$9 \times 2 = 18$	

A common multiple is shared by two or more numbers.

A common multiple that is less than all the others is called the least common multiple.



The multiples of 2 are 2, 4, 6, 8, 10, 12, 14, 16, 18...

The multiples of 3 are 3, 6, 9, 12, 15, 18...

The first three common multiples of 2 and 3 are 6, 12, and 18.

The least common multiple of 2 and 3 is 6.

**16.** The first 14 multiples of 5 are 5, 10, 15, 20, 25, 30, 35, \_\_\_\_\_

The first 10 multiples of 7 are 7, 14, 21, 28, 35, 42, \_\_\_\_\_

The first two common multiples of 5 and 7 are \_\_\_\_\_

The least common multiple of 5 and 7 is \_\_\_\_\_

**17.** The first 15 multiples of 4 are \_\_\_\_\_

The first 12 multiples of 5 are \_\_\_\_\_

The first three common multiples of 4 and 5 are \_\_\_\_\_

The least common multiple of 4 and 5 is \_\_\_\_\_

**Write the first ten multiples of each number. Then find the least common multiple.**

**18.** 8 and 5

8 \_\_\_\_\_

5 \_\_\_\_\_

The least common multiple of 8 and 5 is \_\_\_\_\_.

**19.** 6 and 9

6 \_\_\_\_\_

9 \_\_\_\_\_

The least common multiple of 6 and 9 is \_\_\_\_\_.

**20.** 12 and 15

12 \_\_\_\_\_

15 \_\_\_\_\_

The least common multiple of 12 and 15 is \_\_\_\_\_.

**Fill in the blanks. More than one answer is possible.**

**21.** 12 is the least common multiple of 3 and \_\_\_\_\_.

**22.** 32 is the least common multiple of 8 and \_\_\_\_\_.

**23.** 24 is the least common multiple of 6 and \_\_\_\_\_.

**24.** 15 is the least common multiple of 3 and \_\_\_\_\_.

**25.** 60 is the least common multiple of 15 and \_\_\_\_\_.