

Grade 4th Math Worksheet 3: LCM (Least Common Multiple) (Easy Level)

Name: _____

Date: _____

1. Find the LCM of the following pairs of numbers.

a) LCM of 3 and 4

Multiples of 3: _____

Multiples of 4: _____

LCM of 3 and 4 is: _____

b) LCM of 2 and 7

Multiples of 2: _____

Multiples of 7: _____

LCM of 2 and 7 is: _____

c) LCM of 5 and 8

Multiples of 5: _____

Multiples of 8: _____

LCM of 5 and 8 is: _____

d) LCM of 6 and 10

Multiples of 6: _____

Multiples of 10: _____

LCM of 6 and 10 is: _____

2. Choose the correct LCM for each pair.

a) What is the LCM of 2 and 5?

- a) 10
 - b) 20
 - c) 25
 - d) 30
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b) What is the LCM of 3 and 6?

- a) 6
 - b) 12
 - c) 18
 - d) 36
-

c) What is the LCM of 4 and 6?

- a) 24
 - b) 12
 - c) 18
 - d) 30
-

d) What is the LCM of 8 and 9?

- a) 72
 - b) 36
 - c) 45
 - d) 18
-

3. True or False?

a) The LCM of 5 and 10 is 10.

- _____ True
- _____ False

b) The LCM of 6 and 8 is 24.

- True
 False

c) The LCM of 7 and 9 is 63.

- True
 False

d) The LCM of 3 and 5 is 15.

- True
 False
-

4. Fill in the blank with the correct LCM.

a) The LCM of 3 and 9 is: _____

b) The LCM of 4 and 5 is: _____

c) The LCM of 2 and 8 is: _____

d) The LCM of 6 and 12 is: _____

5. Challenge Question:

What is the LCM of 4 and 10?

- a) 20
b) 30
c) 40
d) 15
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6. Word Problem:

Tom and his sister Lucy are jumping rope. Tom jumps every 4 minutes, and Lucy jumps every 6 minutes. If they both start jumping at the same time, after how many minutes will they both be jumping at the same time again?

- a) 12
b) 24

- c) 36
 - d) 18
-

7. Bonus Activity:

Create a chart to find the LCM of 2, 3, and 4.

- **Multiples of 2:** _____
 - **Multiples of 3:** _____
 - **Multiples of 4:** _____
 - **LCM of 2, 3, and 4 is:** _____
-

8. Extra Challenge:

Which of the following is NOT true about LCM?

- a) The LCM is the smallest number that is a multiple of both numbers.
- b) The LCM can sometimes be equal to one of the numbers.
- c) The LCM is always larger than both numbers.
- d) The LCM is always greater than or equal to the greatest of the two numbers.

--BE THE CHAMPION!--