

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

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

a) LCM of 2 and 4

Multiples of 2: _____

Multiples of 4: _____

LCM of 2 and 4 is: _____

b) LCM of 3 and 5

Multiples of 3: _____

Multiples of 5: _____

LCM of 3 and 5 is: _____

c) LCM of 6 and 10

Multiples of 6: _____

Multiples of 10: _____

LCM of 6 and 10 is: _____

d) LCM of 7 and 11

Multiples of 7: _____

Multiples of 11: _____

LCM of 7 and 11 is: _____

2. Choose the correct LCM for each pair.

a) What is the LCM of 3 and 4?

- a) 12
 - b) 24
 - c) 18
 - d) 36
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b) What is the LCM of 5 and 8?

- a) 20
 - b) 40
 - c) 15
 - d) 30
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c) What is the LCM of 4 and 6?

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

d) What is the LCM of 8 and 10?

- a) 40
 - b) 50
 - c) 30
 - d) 20
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3. True or False?

a) The LCM of 3 and 5 is 15.

- True
- False

b) The LCM of 2 and 8 is 16.

- True
- False

c) The LCM of 4 and 12 is 24.

- True
 False

d) The LCM of 6 and 9 is 54.

- True
 False
-

4. Fill in the blank with the correct LCM.

a) The LCM of 2 and 9 is: _____

b) The LCM of 5 and 6 is: _____

c) The LCM of 4 and 8 is: _____

d) The LCM of 3 and 7 is: _____

5. Challenge Question:

What is the LCM of 3 and 8?

- a) 24
b) 12
c) 16
d) 48
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6. Word Problem:

Sophia and her brother are jumping on a trampoline. Sophia jumps every 4 minutes and her brother jumps every 6 minutes. They both start jumping at the same time. How many minutes will pass before they both jump together again?

- a) 12
b) 18
c) 24
d) 6

7. Extra Challenge:

Create a list of the first few multiples of 2, 3, and 4. Circle the LCM of all three numbers.

- Multiples of 2: _____
- Multiples of 3: _____
- Multiples of 4: _____

LCM of 2, 3, and 4 is: _____

8. Bonus Question:

Which of the following statements about the LCM is true?

- The LCM is the smallest number that both numbers can divide into without leaving a remainder.
- The LCM is always smaller than the numbers.
- The LCM is always greater than the larger of the two numbers.
- The LCM is the same as the greatest common divisor (GCD).

--BE THE CHAMPION!--