Grade 4th Math Worksheet 2: Factors & Multiples (Advanced Level)

Name: _____

Date: _____

Part 1: Factors

1. What is the greatest common factor (GCF) of 56 and 72?
a) 4
b) 6
c) 8
d) 12

2. Which of these numbers is NOT a factor of 48?
a) 1
b) 3
c) 5
d) 8

3. Which of the following is a factor of both 24 and 36?
a) 3
b) 4
c) 6
d) 12

4. What are the factors of 64?
a) 1, 2, 3, 4, 5, 6, 8, 16, 32, 64
b) 1, 2, 4, 8, 16, 32, 64
c) 1, 4, 6, 8, 12, 16, 24, 48
d) 2, 3, 6, 12, 24, 64

5. What is the greatest common factor (GCF) of 45 and 60?

a) 3

b) 5

c) 15

d) 20

Part 2: Multiples

6. What is the least common multiple (LCM) of 10 and 12?

a) 20

b) 24

c) 30

d) 60

7. What is the least common multiple (LCM) of 4 and 5?

a) 10

b) 20

c) 15

d) 40

8. Which of the following numbers is a common multiple of both 6 and 8?

a) 10

b) 24

c) 36

d) 40

9. What is the next multiple of 15 after 90?

a) 95

b) 100

c) 105

d) 110

10. Which number is a multiple of both 3 and 7?

a) 12

b) 14

c) 21

d) 28

Part 3: Mixed Questions on Factors & Multiples

11. What is the least common multiple (LCM) of 3, 6, and 9?

a) 18
b) 24
c) 30
d) 36

12. What is the greatest common factor (GCF) of 18 and 45?

a) 3
b) 5
c) 9
d) 15

13. What is the least common multiple (LCM) of 7 and 14?

a) 14
b) 21
c) 28
d) 35

14. Which of these is the greatest common factor (GCF) of 24 and 48?

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

15. What is the least common multiple (LCM) of 3, 4, and 5?

a) 10
b) 15
c) 20
d) 60

Bonus Question

16. What is the greatest common factor (GCF) of 56, 84, and 112?

a) 14
b) 28
c) 42
d) 56

--BE THE CHAMPION!--