Factors & Multiples · Grade 6

Name _____ Date _____ Score _____ / 12

01

What is the least common multiple of 11 and 14?

02

What is the greatest common factor of 40 and 46?

03

Write 54 as a product of prime factors.

04

Which of these numbers is prime: 69, 99, 59, 39?

05

What is the least common multiple of 4 and 14?

06

Which of these numbers is prime: 83, 91, 27, 57?

07

Write 40 as a product of prime factors.

08

What is the greatest common factor of 74 and 12?

09

What is the greatest common factor of 15 and 30?

10

Write 117 as a product of prime factors.

11

What is the least common multiple of 6 and 7?

12

Which of these numbers is prime: 15, 73, 51, 85?

Factors & Multiples · Grade 6 (Answer Key)

01

What is the least common multiple of 11 and 14?

154

02

What is the greatest common factor of 40 and 46?

2

03

Write 54 as a product of prime factors.

2 × 3 × 3 × 3

04

Which of these numbers is prime: 69, 99, 59, 39?

59

05

What is the least common multiple of 4 and 14?

28

06

Which of these numbers is prime: 83, 91, 27, 57?

83

07

Write 40 as a product of prime factors.

2 × 2 × 2 × 5

08

What is the greatest common factor of 74 and 12?

2

09

What is the greatest common factor of 15 and 30?

15

10

Write 117 as a product of prime factors.

3 × 3 × 13

11

What is the least common multiple of 6 and 7?

42

12

Which of these numbers is prime: 15, 73, 51, 85?

73