

Worksheet : Prime Numbers
G4.R14

Date:

Status:

1

In each question, express the number as a product of prime-factors by building factor trees and express the number as a product of prime factors.

(a) 54

54 =

(b) 75

75 =

(c) 66

66 =

(d) 144

144 =

2

In each question, prime factorize using the factor-tree as well as the division method and express the number as a product of prime factors.

(a) 150

150 =

(b) 216

216 =

3

Danish is thinking of a prime number between 40 and 50. Sethu is thinking of a prime number between 10 and 20. The difference between the two numbers is 26. What are the two numbers?

The number thought by Danish is

The number thought by Sethu is