

Mathematics

Prime Factorisation

Downloadable Resource

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Prime Factorisation

1. Complete the prime factorisation trees and write the numbers as products of prime factors.

a)

36 = _____

b)

90 = _____

c)

42 = _____

d)

60 = _____

2. Write each of these numbers as products of prime factors.

a) 72 b) 24×10

c) 175 d) 50^2

3. “a” is half the size of “b”.

$a = 2 \times 3^2 \times 5^2$

$b = 2^2 \times 3^2 \times 5^2$

True or false?

