

Prime Activity Kit - Preview v1

Sample excerpt from the full product

This preview shows question style, challenge format, and answer depth for the full Prime Detective Activity Kit.

What is in the full kit

- 10 complete worksheets focused on primes, divisibility, and factorization.
- Puzzle-oriented tasks for classroom groups and clubs.
- Answer key with methods and explanations.
- HTML and PDF printable formats.

Preview Worksheet A: Prime or Composite

1) 17: Prime or Composite?

2) 21: Prime or Composite?

3) 37: Prime or Composite?

4) 49: Prime or Composite?

5) 51: Prime or Composite?

Preview Worksheet B: Factor Trees

1) Prime factorization of 180 = _____

2) Prime factorization of 252 = _____

3) Prime factorization of 693 = _____

Sample answers

Worksheet A

17 Prime, 21 Composite, 37 Prime, 49 Composite, 51 Composite

Worksheet B

$$180 = 2^2 \times 3^2 \times 5$$

$$252 = 2^2 \times 3^2 \times 7$$

$$693 = 3^2 \times 7 \times 11$$

Note: This is a preview extract. The full kit includes 10 worksheets, challenge board, and full answer key.