

## *Worksheet:* **Highest Common Factor / Lowest Common Multiple**

This worksheet has questions about finding highest common factors and lowest common multiples of numbers.

Model solutions to  
this sheet



Highest Common  
Factor study guide



Lowest Common  
Multiple study guide



- For the following pairs of numbers find both their highest common factor and lowest common multiple.
  - 16 and 24
  - 7 and 51
  - 12 and 15
  - 35 and 60
  - 90 and 175
  - 270 and 456
  - 350 and 672
  - 4 and 6 and 12
- Use your answers to question 1 to help you simplify the following fractions.
  - $\frac{16}{24}$
  - $\frac{270}{456}$
  - $\frac{24}{270}$
  - $\frac{350}{672}$
  - $\frac{90}{175}$
  - $\frac{456}{672}$



This worksheet is one of a series on mathematics produced by the Learning Enhancement Team.

Scan the QR-code with a smartphone app for [more resources](#).

