

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



1. For the following pairs of numbers find both their highest common factor and lowest common multiple.
- a) 16 and 24 b) 7 and 51 c) 12 and 15 d) 35 and 60
- e) 90 and 175 f) 270 and 456 g) 350 and 672 h) 4 and 6 and 12

2. Use your answers to question 1 to help you simplify the following fractions.

a) $\frac{16}{24}$ b) $\frac{270}{456}$ c) $\frac{24}{270}$ d) $\frac{350}{672}$ e) $\frac{90}{175}$ f) $\frac{456}{672}$



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

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