

## Factors and Multiples

*MTH 3-05a I have investigated strategies for identifying common multiples and common factors, explaining my ideas to others and can apply my understanding to solve related problems.*

Correct language is very important for use in algebraic work from level 2 onwards

3 is a factor of 12

12 is a multiple of 3

4 is a common factor of 20 and 24

24 is a common multiple of 3 and 4

4 is the highest common factor  
of 12 and 16

12 is the lowest common multiple  
of 3 and 4

Finding factors of a number in an organised fashion is essential for algebraic fluency

List the factors of 48 - list as ordered pairs so that none are missed

$$1 \times 48, \quad 2 \times 24, \quad 3 \times 16, \quad 4 \times 12, \quad 6 \times 8$$

