

## HIAS MOODLE+ RESOURCE

# Word cards

## Year 7: Unit 7.1

Expression

Equation

Factor

Inequality

Sequence

HIAS Maths Team  
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Final version

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# Overview

**This document contains a resource to support the acquisition and accurate use of mathematical vocabulary**

## **Points to consider when using this resource**

These cards provide ideas to support the development of precise mathematical vocabulary by considering what a mathematical word means and what it does not mean; it also encourages the use of diagrammatic models and images to support understanding.

There are blank versions included for teachers and learners to create their own, alongside some examples of relevant topic words for each unit. Definitions can be checked in the NCETM National Curriculum Glossary

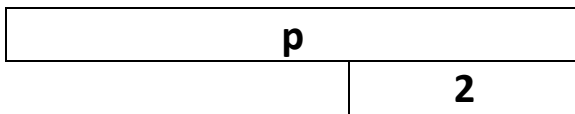
Word:

**expression**

Example:

$$p - 2$$

Picture, diagram or model:



Non-example:

$$p - 2 = 6$$

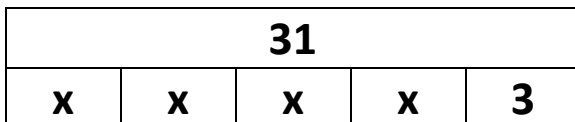
Word:

**equation**

Example:

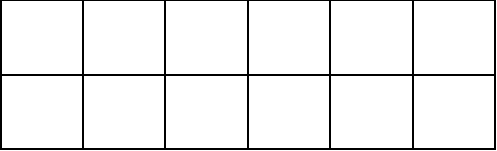
$$4x + 3 = 31$$

Picture, diagram or model:



Non-example:

$$4x + 3$$

<p>Word:</p> <p><b>factor</b></p>	<p>Example:</p> <p><b><math>2 \times 6 = 12</math></b></p>
<p>Picture, diagram or model:</p> 	<p>Non-example:</p> <p><b><math>2 + 6 = 8</math></b></p>

<p>Word:</p> <p><b>inequality</b></p>	<p>Example:</p> <p><b><math>a &lt; b</math></b></p>
<p>Picture, diagram or model:</p> <p><b>a</b> _____</p> <p><b>b</b> _____</p>	<p>Non-example:</p> <p><b><math>a = b</math></b></p>

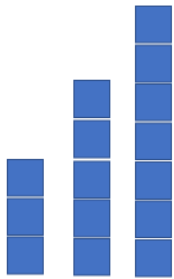
Word:

**sequence**

Example:

**3,5,7,9....**

Picture, diagram or model:



Non-example:

**1,5,63,2.5, -4**

Word:

Example:

Picture, diagram or model:

Non-example:

Word:	Example:
Picture, diagram or model:	Non-example:

Word:	Example:
Picture, diagram or model:	Non-example:

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