| Term | Definition | Illustration |
| :--- | :--- | :--- |
| Abstract <br> thinking | Thinking logically without the use of concrete material or <br> visual representations. |  |
| Algebra | The use of letters and numbers to express mathematical <br> information. |  |
| Algebraic <br> expression | Algebraic expressions are built up from integer constants, <br> variables (letters) and operations. | $4 b-5$ |
| Algebraic term | A constant, a variable or a combination of these multiplied <br> together | $6+3 t^{2}-7 p$ |
| Constant | A number, or a symbol used to denote a value that does <br> not change. | $3 \times(2+4)=3 \times 2+3 \times 4$ |
| Distributive <br> Law | Multiplying a number by a group of numbers added together <br> is the same as doing each multilication separately |  |
| Equality | The equals sign $(=)$ is used between two expressions to <br> indicate that they take the same value. | $4 \times 2=10$ |
| Equation | A statement that means that two expressions are equal in <br> value. |  |

## 1 | Numeracy and mathematics glossary

Expressions and equations

| Formula | A mathematical relationship or rule expressed in symbols. | Volume of a Cuboid: <br> $\mathrm{V}=\mathrm{I} \times \mathrm{b} \times \mathrm{h}$ |
| :--- | :--- | :--- |
| Greater than | The symbol > means greater than. | $7>4$ |
| Inequality | The symbol $\neq$ is used between two expressions to <br> indicated that they do not take the same value. |  |
| Less than | The symbol < means less than. | $2<5$ |
| Operators | These are symbols that are part of the universal <br> language of mathematics. The four operators,,$+- \times, \div$ <br> are the first set of symbols that learners usually become <br> familiar with. |  |
| Variable | A variable quantity, as its name suggests, can change in <br> value. In algebra, letters are used to represent variables. |  |

## Expressions and equations

| Skill |  |
| :--- | :--- |
| Evaluating algebraic <br> expressions | Substitute specific values for each variable and perform the correct operations to find the value of the <br> expression. <br> Given $t=2$ and $f=6$ <br> $5 t+3 f$ <br> $=5 \times 2+3 \times 6$ <br> $=10+18$ <br> $=28$ |

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