



Expressions and Equations

Home Information Sheet

Second Level (a)



I can apply my knowledge of number facts to solve problems where an unknown value is represented by a symbol or letter.

MNU 2-15a

Having explored the need for rules for the order of operations in number calculations, I can apply them when solving simple problems.

MTH 2-03c

Over the next few weeks we are going to be learning to use expressions and equations to:

- Know that solving an equation means finding the value of the required letter or symbol.
- Solve simple equations and inequations, e.g. $a + 7 = 17$, $b - 9 > 10$
- Explain how they solved an equation or inequation.
- Formulate simple equations and inequations that match the way they think about a problem.

Here are some ideas of how you can help me at home!

Solve Me 1 Ask children to create their own simple missing number questions. E.g.

$$4 + ? = 16$$

$$8 - ? = 7$$

$$? + 14 = 19$$

Solve Me 2 Ask children to create a calculation with the answer underneath.

E.g. $4 + m = 10$
 $m = 6$

$$p + 10 = 90$$
$$p = 80$$

$$18 + s = 22$$
$$s = 4$$

Crocodile Signs Show the symbols for greater than and less than and remind children how to remember them- **the crocodile who wants to eat the biggest number.**

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E.g. $8 < 26$

$$38 > 5$$

$$6 > 2$$

$$5 < 3$$

Here are some websites that you may find useful to use with me!

<http://www.kidsnumbers.com/x-equals-algebra-game.php>

www.algebra4children.com/printables.html



