**Order of Operations B (Powers)**

**Prior knowledge:**

To know the order in which the four main operations are performed:

* Brackets
* Multiplication and Division
* Addition and Subtraction

**Check:** (Mini whiteboards)

**Prior knowledge:**

To know how to calculate powers

**Check:**

Watch:

<https://www.youtube.com/watch?v=EGUxnGPQzvU>

Calculate (mini-whiteboards):

If some of the class need to work on this with the teacher, the rest of the class can work on extension sections B or D from Operations A.

**Aims:**

To know that powers come above the four main operations but below brackets:

* Brackets
* Powers
* Multiplication and Division
* Addition and Subtraction

To be able to complete calculations with care and accuracy, showing your method clearly

**Activities:**

Write down the order of operations ‘pyramid’ in your books.

Whole-class examples:

Practice: Order of operations B worksheet.

**Aims:**

To understand the use of implied brackets

**Activities:**

Examples

Rewrite the questions from Order of Operations B using fractions instead of the division symbol.

Obviously, just do those which involve division.

**Extension:**

To work with an alternative approach to order of operations

**Activities:**

Reverse Polish Notation: Order of Operations B, section B