**Order of Operations with Negative Numbers**

**Prior knowledge:**

To know the order in which operations are performed:

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

To lay out your solutions down the page and show your steps clearly

**Check:** Mini whiteboards

For those with secure understanding: Reverse polish notation and adding the brackets extension (section B and C) from Operations B

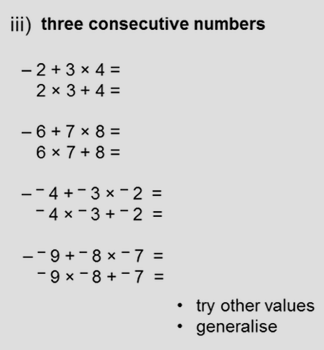
For others: direct teaching using above examples, followed by practice from section A of Operations B.

**Prior knowledge:**

To perform the four operations with negative numbers

**Check:**

Re-teach for those who need it, extension for others:



**Aims:**

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

To complete calculations involving negative numbers

**Activities:**

Examples:

Worksheet: Operations C

Do at least three questions from section A, check them with people on your table.

If you feel confident, move onto section B (extension: adding in brackets), if not, more practice from section A.

**Aims:**

To recap the use of fractions to imply brackets

**Activities:**

Examples, rewrite these using fractions instead of the division symbol:

Rewrite the questions from section A using fractions instead of the division symbol.

**Assessment:**

Mini-whiteboards: Calculate the following:

Rewrite the third calculation without using the division symbol.