Target audience - KS3 students.

Always, Sometimes, Never….

Introduction

Information for parents:

The problems in this worksheet are adapted from the Standards Unit N2: Evaluating statements about numbers. The original Unit can be found by following this link

https://www.stem.org.uk/resources/elibrary/resource/26920/evaluating-statements-about-number-operations-n2

The aim of this activity is to make students think about number properties and to challenge some common misconceptions.

Information for students:

The initial task is designed to check what you know already, calculations involving fractions, decimals and negative numbers.

The following task requires you to face some common misconceptions about number properties.

You should evaluate the statements by using a variety of numbers to check each statement and decide if the statement is true for any number, true for just some numbers or never true for any numbers.

You need to understand algebraic notation e.g.

- that x represents a number for you to substitute into the calculation, some numbers are suggested, but you can choose any.
- that $4x$ means 4 multiplied by x and
- that $\frac{10}{x}$ means $10 \div x$