

Math Review

1. **Get rid of bad answers.**
2. **Ask if your answer makes sense.**
3. **Do work on paper, and check with calculator if possible.**
4. **Take your time and do your best.**

Graphing - Coordinate pairs, graph **X** across (left or right) first then **Y** up or down second.

Statistics - Mode = most common value

Median = middle value, from highest to lowest

Mean = add up data points to get sum, divide by number of data points

Range = biggest minus littlest

Outlier = value(s) that lie away from the rest

Line plot = shows values

Probability - likelihood or chance something will happen

Probability of an event = desired outcome/possible outcome (socks in a drawer)

Fair = equal chance for each piece to win (spinners)

Fractions - top is numerator, bottom is denominator

Pieces in fraction must be equal

Equivalent fractions = multiply or divide fraction by same number top and bottom

Compare fractions = once denominators are same, compare numerators

Order fractions = get benchmark fractions of half, whole, one and a half

Improper fractions = numerator > denominator

Mixed number = whole number and fraction mixed.

Adding and subtracting fractions = denominators must be same, if not, make them

Simplify = make equivalent fractions by dividing by common factor, top and bottom

Multiplying = multiply straight across and simplify

Converting fraction to decimal = divide numerator by denominator

Decimals - Convert to fraction with denominator of 10 if place value is tenths, 100 if hundredths

Adding and subtracting = line up decimals

Algebra - Order of operations: do things in parenthesis first, powers, then **X**, **/**, **+**, **-**

Money - Dollar total = goods + change

Area = number of squares inside a shape, length X width, in square units

Perimeter = distance around the outside, in inches, feet, miles, kilometers

Volume = number of cubes inside a 3 D shape = length X width X height, in cubic units