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| --- | --- |
| Probability  Biased  Fair Game  Expression  Profit  Perimeter  Area  Perpendicular lines | Parallel lines  Transversal  Origin  Coordinates  Line of Symmetry  Metric System  Fundamental Principle of Counting |

10 from the following list will be on your Summer test so please STUDY !

PROBABILITY: The probability of an event occurring means the likelihood or the chances of the event occurring.

BIASED: Biased means ‘not fair’ (e.g. a biased die is one where each outcome is not equally likely to occur )

FAIR GAME: A fair game means that everyone has an equally likely chance of winning

EXPRESSION: An expression in algebra is a sentence containing terms that can be numbers or variables or both (e.g. 2x + 3)

PROFIT: The Selling price minus the Cost price

PERIMETER: The perimeter of a shape is the length around the shape – the length a fence would be if you were to place it around the shape

AREA: The Area of a shape is how much space it takes up in two dimensions.

PERPENDICULAR LINES: Lines that are at right angles (90 0 ) to each other

PARALLEL LINES: Lines that have the same slope – they will never touch

TRANSVERSAL: A line that crosses over two parallel lines

ORIGIN: The (0,0) point on a coordinate diagram

COORDINATES: The coordinates of a point on a coordinate diagram give how far away it is from the origin in both the horizontal (x) and vertical (y) directions

LINE OF SYMMETRY: A line that you draw through an object such that if you folded the object over that line it would fold exactly onto itself

METRIC SYSTEM: An internationally agreed system of measurement including the meter and gram and their fractions (e.g. mm, mg) and multiples (e.g. Km, Kg)

FUNDAMENTAL PRINCIPAL OF COUNTING: If one task can be carried out x ways and another task can be carried out y ways then the number of ways of carrying out one task followed by the other is x multiplied by y.