

## Maths Assessment Ladder

Questions	Question Title
1	Converting fractions to decimals
2	Converting area units
3	Finding the midpoint of a line segment
4	Linear sequences (nth term)
5a	Single event probability
5b	Product rule for counting
6a/b	Drawing quadratic graphs
6c	Finding the turning point of a quadratic graph
7	Trigonometry
8a	Drawing distance-time graphs
8b	Calculating speed from a distance-time graph
9	Mutually exclusive events, solving linear equations
10	Interpreting pie charts
11	Comparing numbers in standard form
12	Circle theorems
13	LCM (worded problems)
14	Finding the equation of a line from a graph
15a	Pythagoras' theorem, squaring algebraic expressions
15b	Using Pythagoras' theorem to make conclusions
16	Finding median from box plot
17	Percentage increase/decrease, calculating area, ratio
18a	Venn diagrams for probability, fractions of amounts
18b	Venn diagrams for probability
19	3-way ratio problems
20	Sine rule, finding an angle
21	Solving a quadratic equation
22	Algebraic direct proportion
23	Vectors (geometry problems)
24	Interquartile range from histograms
25	Area of a triangle (1/2absinC), cosine rule, area of a sector
26a/b	Invariant points in transformations
27a	Inverse functions, cubic graphs
27b	Composite functions, graph transformations

Stewards Academy September 2020