

Evaluationsheet for Screening 8+

Part 1: Arithmetic	___ / 9
Part 2: Proportionality	___ / 7
Part 3: Technical Calculation	___ / 8
Sum	___ / 24

The following scale provides initial indications of the skills with which students most probable score points in the following three ranges: 0-8 points, 9-17 points

SCORE

This group is unremarkable in terms of their prerequisites for learning mathematics at school.

24	C: In addition to A and B, students are often able to... ... carry out calculations with negative numbers, build a well-structured algebraic expression from a written description, solve division problems in real-world contexts, interpret and work with graphs in proportional situations, translate verbal phrases into algebraic expressions, solve problems involving inverse proportionality and understand and use the perimeter of a rectangle.
23	And students are rarely able to... ... apply these skills flexibly in complex, multi-step modelling tasks in unfamiliar contexts.
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This group should be monitored more closely in the coming weeks to see whether the following content can be understood and implemented independently.

14	B: In addition to A, students are often able to... ... evaluate an expression with variable substitution, convert a fraction to a percentage, build an algebraic expression from a multistep written description, structure a written expression from a multistep rule, identify the solution to a simple linear equation, distinguish between simple directly proportional and non-proportional relationships and identify decimal values on a number line
13	And students are rarely able to... ... perform calculations involving negative numbers, solve division problems embedded in richer real-world contexts, or to translate more complex verbal descriptions into algebraic expressions.
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This group is at risk in terms of their prerequisites for learning mathematics at school and should receive special support as quickly as possible.

6	A: Students are often able to... ... read information from a coordinate grid, identify simple directly proportional relationships, interpret circle representations and convert them into percentages, solve simple proportional reasoning problems in a straightforward real-world context, locate simple decimal values on a number line, and calculate a simple percentage increase.
5	And students are rarely able to... ... evaluate algebraic expressions by substituting values for variables, convert fractions into percentages in more demanding situations, or to build structured expressions from a multistep written description.
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