



Resource Math Grade 7 Semester 2 Final Assessment Blueprint

Year Created: 2023-2024
Subject: Math

Method of Delivery: Online
Administration Window: May Common Finals

Resources

[Resource Math Grade 7 Curriculum Map](#)

Standards At-A Glance

Standard	Number of Items	Standard Description
MA.7.EE.B.3	1	Solve multi-step mathematical problems and problems in real-world context posed with positive and negative rational numbers in any form. Convert between forms as appropriate and assess the reasonableness of answers.
MA.7.G.A.1	1	Solve problems involving scale drawings of geometric figures, such as computing actual lengths and areas from a scale drawing and reproducing a scale drawing at a different scale.
MA.7.G.B.4	3	Understand and use the formulas for the area and circumference of a circle to solve problems; give an informal derivation of the relationship between the circumference and area of a circle.
MA.7.G.B.6	2	Solve mathematical problems and problems in a real-world context involving area of two-dimensional objects composed of triangles, quadrilaterals, and other polygons. Solve mathematical problems and problems in real-world context involving volume and surface area of three-dimensional objects composed of cubes and right prisms.
MA.7.RP.A.1	1	Compute unit rates associated with ratios involving both simple and complex fractions, including ratios of quantities measured in like or different units.
MA.7.RP.A.2	5	Recognize and represent proportional relationships between quantities.
MA.7.RP.A.2.b	1	Identify the constant of proportionality (unit rate) in tables, graphs, equations, diagrams, and verbal descriptions of proportional relationships.
MA.7.RP.A.3	6	Use proportional relationships to solve multi-step ratio and percent problems (e.g., simple interest, tax, markups and markdowns, gratuities and commissions, fees, percent increase and decrease, percent error).

*Some items may be tagged to more than one standard.

Depth of Knowledge

DOK	Number of Items
Level 1: Recall	9
Level 2: Skill/Concept	10
Level 3: Strategic Thinking	0

Item Types Included

Type	Number of Items	Description
MC	19	Multiple Choice - Select one answer