

SheetFormR Math Mode — Grade 1

CCSS Domains: 1.OA | 1.NBT | 1.MD | 1.G

How to use:

Step 1: Add a column named Equation (or Math, Formula, EQ, LaTeX) to your spreadsheet.
Step 2: Type your equation using the notation below. Step 3: Enable Render Math Equations in Build Options.
Step 4: Build your form — equations appear as crisp, professional images! No codes needed.

Notation: + = add - = subtract = = equals / = fraction > = greater than < = less than ? = unknown

Quick Start: You type: $8 + 5$ -> *Students see: a crisp image showing $8 + 5$*

Operations & Algebraic Thinking (1.OA)

Standard	What You Want	Type in Equation Column	Students See (rendered image)
1.OA.1	Add within 20	$8 + 5$	$8 + 5$
1.OA.1	Subtract within 20	$14 - 6$	$14 - 6$
1.OA.2	Three addends	$4 + 3 + 6$	$4 + 3 + 6$
1.OA.3	Commutative property	$8 + 3 = 3 + 8$	$8 + 3 = 3 + 8$
1.OA.3	Associative (make 10)	$2 + 6 + 4 = 2 + 10$	$2 + 6 + 4 = 2 + 10$
1.OA.4	Unknown addend	$10 - 8 = ?$	$10 - 8 = ?$
1.OA.6	Make a ten strategy	$8 + 6 = 8 + 2 + 4$	$8 + 6 = 8 + 2 + 4$
1.OA.6	Decompose to ten	$13 - 4 = 13 - 3 - 1$	$13 - 4 = 13 - 3 - 1$
1.OA.7	Equal sign meaning	$5 + 2 = 2 + 5$	$5 + 2 = 2 + 5$
1.OA.7	True/false equation	$4 + 1 = 5 + 2$	$4 + 1 = 5 + 2$
1.OA.8	Unknown in equation	$8 + ? = 11$	$8 + ? = 11$
1.OA.8	Unknown subtrahend	$? - 3 = 5$	$? - 3 = 5$

Number & Operations in Base Ten (1.NBT)

Standard	What You Want	Type in Equation Column	Students See (rendered image)
1.NBT.2	Tens and ones	$10 + 8 = 18$	$10 + 8 = 18$
1.NBT.2	Compose a ten	$14 = 10 + 4$	$14 = 10 + 4$
1.NBT.3	Compare (symbols)	$34 > 29$	$34 > 29$
1.NBT.4	Add two-digit + one	$47 + 5$	$47 + 5$
1.NBT.4	Add two-digit + ten	$36 + 20$	$36 + 20$
1.NBT.5	10 more / 10 less	$45 + 10$	$45 + 10$
1.NBT.6	Subtract multiples of 10	$70 - 30$	$70 - 30$

Measurement, Data & Geometry (1.MD, 1.G)

Standard	What You Want	Type in Equation Column	Students See (rendered image)
1.MD.2	Length as whole units	$5 + 3 = 8$	$5 + 3 = 8$ (length units)
1.G.3	Halves	$1/2$	$1/2$ (fraction image)
1.G.3	Quarters	$1/4$	$1/4$ (fraction image)

DIFFERENTIATION BAND Content from the grade below (remediation/review) and above (enrichment/extension).

Below Grade: Kindergarten Review (K.OA, K.NBT)

Standard	What You Want	Type in Equation Column	Students See (rendered image)
K.OA.3	Decompose to 10	$5 = 2 + 3$	$5 = 2 + 3$
K.OA.4	Make 10	$6 + ? = 10$	$6 + ? = 10$
K.OA.5	Add/subtract within 5	$3 + 2$	$3 + 2$
K.NBT.1	Teen as 10 + ones	$10 + 3 = 13$	$10 + 3 = 13$

Above Grade: Grade 2 Preview (2.OA, 2.NBT)

Standard	What You Want	Type in Equation Column	Students See (rendered image)
2.OA.1	Two-step word problem	$15 + 8 - 6$	$15 + 8 - 6$
2.OA.2	Fluent within 20	$17 - 9$	$17 - 9$
2.NBT.5	Add within 100	$47 + 35$	$47 + 35$
2.NBT.7	Add within 1000	$345 + 127$	$345 + 127$
2.NBT.8	Add/subtract 100	$456 + 100$	$456 + 100$
2.OA.3	Odd/even (add equals)	$7 + 7 = 14$	$7 + 7 = 14$
2.OA.4	Array as equal addends	$5 + 5 + 5$	$5 + 5 + 5$

Common Mistakes:

Always enable "Render Math Equations" in Build Options before building. Use * for multiplication (not the letter x).
The "Students See" column describes the rendered image — it is NOT what you type. Preview your form to check equations.