

SheetFormR Math Mode — Grade 2

CCSS Domains: 2.OA | 2.NBT | 2.MD | 2.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: $56 + 28$ -> *Students see: a rendered image showing $56 + 28$*

Operations & Algebraic Thinking (2.OA)

Standard	What You Want	Type in Equation Column	Students See (rendered image)
2.OA.1	One-step add to 100	$56 + 28$	$56 + 28$
2.OA.1	One-step subtract	$73 - 45$	$73 - 45$
2.OA.1	Two-step problem	$36 + 24 - 15$	$36 + 24 - 15$
2.OA.2	Fluent add within 20	$8 + 7$	$8 + 7$
2.OA.2	Fluent sub within 20	$15 - 8$	$15 - 8$
2.OA.3	Even as equal addends	$12 = 6 + 6$	$12 = 6 + 6$
2.OA.4	Array as repeated add	$4 + 4 + 4 + 4 + 4$	$4 + 4 + 4 + 4 + 4$

Number & Operations in Base Ten (2.NBT)

Standard	What You Want	Type in Equation Column	Students See (rendered image)
2.NBT.1	Hundreds/tens/ones	$706 = 700 + 0 + 6$	$706 = 700 + 0 + 6$
2.NBT.3	Expanded form	$853 = 800 + 50 + 3$	$853 = 800 + 50 + 3$
2.NBT.4	Compare 3-digit	$456 > 439$	$456 > 439$
2.NBT.5	Add within 100	$67 + 25$	$67 + 25$
2.NBT.6	Add four 2-digit	$23 + 15 + 42 + 10$	$23 + 15 + 42 + 10$
2.NBT.7	Add within 1000	$486 + 237$	$486 + 237$
2.NBT.7	Subtract within 1000	$503 - 178$	$503 - 178$
2.NBT.8	Mental +/- 10 or 100	$675 - 100$	$675 - 100$

Measurement, Data & Geometry (2.MD, 2.G)

Standard	What You Want	Type in Equation Column	Students See (rendered image)
2.MD.5	Length word problem	$24 + 18$	$24 + 18$ (cm)
2.MD.8	Money problems	$25 + 10 + 5 + 1$	$25 + 10 + 5 + 1$ (cents)
2.G.3	Halves, thirds, fourths	$1/2$	$1/2$ (fraction image)
2.G.3	Thirds	$1/3$	$1/3$ (fraction image)

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

Below Grade: Grade 1 Review (1.OA, 1.NBT)

Standard	What You Want	Type in Equation Column	Students See (rendered image)
1.OA.6	Add/sub within 20	$13 - 7$	$13 - 7$
1.OA.8	Unknown in equation	$? + 5 = 12$	$? + 5 = 12$
1.NBT.4	Add 2-digit + 1-digit	$38 + 7$	$38 + 7$
1.NBT.5	10 more/less	$63 + 10$	$63 + 10$

Above Grade: Grade 3 Preview (3.OA, 3.NF)

Standard	What You Want	Type in Equation Column	Students See (rendered image)
3.OA.1	Intro multiplication	$5 * 7$	5×7
3.OA.2	Intro division	$56/8$	$56 \text{ over } 8$
3.OA.4	Unknown factor	$? * 6 = 48$	$? \times 6 = 48$
3.OA.7	Fluent multiply	$9 * 8$	9×8
3.OA.8	Two-step with letter	$3 * n + 2 = 14$	$3 \times n + 2 = 14$
3.NF.1	Unit fraction	$1/4$	$1/4$
3.NF.3	Equivalent fractions	$2/4 = 1/2$	$2/4 = 1/2$
3.MD.7	Area = l x w	$6 * 4$	6×4 (sq units)

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.