

2026 UIL ELEMENTARY CALCULATOR CONTEST – GRADE 3 NOVICE SPRINT

GRADE 3 NOVICE DIVISION • 30 PROBLEMS • 30-MINUTE SPEED SPRINT • SC-6 ELEMENTARY

// OFFICIAL CONTESTANT IDENTIFICATION

CONTESTANT NAME: _____

SCHOOL / CAMPUS: _____

GRADE LEVEL: [] 3 [] 4 [] 5 [] 6

CONTESTANT ID #: _____

OFFICIAL SCORING GRID (GRADER VERIFIED)				
PAGE	P1	P2	P3	TOTAL
Correct (+5):				
Errors (-4):				
Subtotal:				

CONTEST RULES: 30 MINUTES • ALL ANSWERS TO 3 SIGNIFICANT DIGITS UNLESS INTEGER (INT) OR DOLLARS (\$).
SCORING: +5 points per correct response; -4 points per wrong/skipped question up to last attempted. Zero after last attempted.

SECTION 1: WHOLE NUMBER ARITHMETIC SPRINT

3-Digit Regrouping, Multiplication Facts, 2-Step Expressions & Perimeter

MODE: [123] BASE-10

- G3-1.

248 + 389

1 = _____ INT
- G3-2.

842 - 367

2 = _____ INT
- G3-3.

145 + 562 - 219

3 = _____ INT
- G3-4.

38 × 24

4 = _____ INT
- G3-5.

456 ÷ 12

5 = _____ INT
- G3-6.

24.50 + 18.75 + 9.40

6 = _____ \$
- G3-7.

7 × 14

7 = _____ INT
- G3-8.

12 × 8 × 15

8 = _____ INT
- G3-9.

Maya purchases a tactile block building plate for \$6.85 and 3 mechanical calculator switch keycaps for \$1.75 each. How much change does she receive from a \$20.00 bill?

9 = \$ _____
- G3-10.

A silicone 3D printer build plate mat is 8.50 feet wide and 12.0 feet long. Calculate its perimeter in feet.

10 = _____ ft

SECTION 2: FRACTION STUDIO & EQUIVALENCE

MODE: [FDISP] FRACTION

Unit Fractions, Like Denominators, Step-by-Step [SIMP] & Group Shares

- G3-11.** $\frac{1}{4} + \frac{2}{4}$ **11** = _____
- G3-12.** $\frac{5}{8} - \frac{2}{8}$ **12** = _____
- G3-13.** $\frac{2}{6} + \frac{3}{6}$ **13** = _____
- G3-14.** $\frac{7}{10} - \frac{4}{10}$ **14** = _____
- G3-15.** $\frac{1}{5} + \frac{3}{5}$ **15** = _____
- G3-16.** $\frac{4}{8}$ [SIMP] **16** = _____
- G3-17.** $\frac{6}{9}$ [SIMP] **17** = _____
- G3-18.** $\frac{1}{3}$ of 27 **18** = _____ INT
- G3-19.** A Stack Stage tactile block kit contains 36 interlocking math blocks. If $\frac{1}{4}$ of the blocks are blue and $\frac{1}{2}$ are yellow, how many blocks are either blue or yellow?
19 = _____
- G3-20.** Leo has a strip of flexible 3D printer TPU wire measuring $\frac{4}{5}$ meter. He cuts off $\frac{1}{5}$ meter for a tactile hinge prototype. What fraction of a meter of TPU wire remains?
20 = _____ m

SECTION 3: ELAPSED TIME & MEASUREMENT LAB

Elapsed Time in Hours/Minutes, Class Schedules, Polygons & Rectangles

MODE: [CLK] CLOCK

- G3-21.** 2 hr 15 min + 1 hr 45 min **21 =** _____ hrs
- G3-22.** 4 hr 30 min - 1 hr 45 min **22 =** _____ hrs
- G3-23.** 45 min + 55 min + 40 min **23 =** _____ hrs
- G3-24.** 3 × (1 hr 20 min) **24 =** _____ hrs
- G3-25.** 360 min ÷ 60 **25 =** _____ hrs
- G3-26.** Square perimeter: 4 × 18.5 cm **26 =** _____ cm
- G3-27.** Triangle perimeter: 14.2 + 18.6 + 12.4 **27 =** _____ cm
- G3-28.** Rectangle perimeter: 2 × (24.5 + 16.0) **28 =** _____ m
- G3-29.** An educational 3D printer modular block print job starts at 9:15 am and finishes at 10:45 am. How many total minutes did the print job take?
29 = _____ min
- G3-30.** An automated electronics test bench runs for 48.0 minutes each morning. How many total hours does it run over a 5-day school week?
30 = _____ hrs