Grade 4 Georgia Milestones Math Review

All 30 Grade 4 math elements

15 review sets · 2 practice tests · Full worked answer keys



Teacher Guide and Standards 2-6
Exact element text, blueprint tables, and packet map

15 Review Sets 7-32
Strategies, models, and original practice in teaching order

Practice Tests A and B 33-51
25 items and 29 points each; no time limit

Progress Tracker 52
Record scores and choose skills to revisit

Worked Keys and Item Analysis 53-70
Solutions, reasons, scoring, and reteaching map

Aligned to Georgia's K-12 Mathematics Standards

TOUCHSTONE STANDARDS

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TOUCHSTONE STANDARDS | Teacher Guide

Use the review

This Grade 4 review touches all 30 elements in Georgia's K-12 Mathematics Standards. It is original practice, not an official test or a prediction of a student's test score.

Use the 15 sets in teaching order or reteach one skill at a time. Each page starts with a Strategy Spotlight. The first eight sets connect to live unit packets; the seven fall units are future packets.

Each half-length practice test has 25 items, 29 points, and four two-point items. Two-point parts are scored separately, one point each. Other items earn one point only when all requested answers are correct. The worked keys explain acceptable responses.

Students record answers, drawings, and reasoning on the test pages. An optional answer sheet collects circle-choice responses. The tracker and teacher analysis grid guide the next practice step.

Use physical rulers and protractors where asked. Print at Actual Size / 100%, never Fit. Inch rulers are intentionally customary for 4.MDR.6.3; the measurement stories use metric units.

Use any valid strategy. Accept answers without commas, equivalent fractions, unsimplified fractions, mixed numbers, and decimal trailing zeros when the prompt does not specify a denominator. Decomposition and drawing keys show samples, not the only answers.

July 2025 blueprint: group points

Group	A	B	A+B
4.NR.1	3	4	7
4.NR.2	4	4	8
4.PAR.3	4	3	7
4.NR.4	4	4	8
4.NR.5	4	3	7
4.MDR.6	4	4	8
4.GSR.7	3	3	6
4.GSR.8	3	4	7
Total	29	29	58

DOK points and percent bands

DOK	A/B pts	Percent	Band
1	11	37.9%	30 to 40%
2	14	48.3%	45 to 55%
3	4	13.8%	10 to 20%

Percentages count points, not items. A+B matches the blueprint's 58 points; each form is half length.

Print at 100%: check these bars



2 inches



10 centimeters

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Set 11: Patterns and Input-Output Tables

Name _____ Date _____

Strategy Spotlight • Show your thinking
Rule: add 11. Start 6. Terms 1 to 4 are 6, 17, 28, 39. The rule is given.

1 Rule: add 18. Start 12. Fill terms 4 and 5 in the term table.

Term	Value
1	12
2	30
3	48
4	
5	

Term 4 Term 5

2 Rule: start with 2 tiles and add 2 each stage. Draw stage 5, fill the tile-count table, then check all true observations.

Stage 1 Stage 2 Stage 3 Stage 4



Tile count:

Stage	1	2	3	4	5
Tiles					

☐ A: All counts are even.

☐ B: All counts are odd.

☐ C: Count = twice the stage number.

☐ D: All counts are multiples of 4.

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Review Set 9: Key (continued)

4 **Answer: 1,000,000** 4.NR.1.4 | DOK 2 | 1 point

967,420 is above 950,000, so it is closer to 1,000,000.



Set 10: Add and Subtract to 100,000

1 4.NR.2.1 | DOK 2 | 1 point

Answer: 74,131

46,000 + 27,000 = 73,000; 835 + 296 = 1,131; 73,000 + 1,131 = 74,131.

2 4.NR.2.1 | DOK 2 | 1 point

Answer: 43,446

80,204 - 36,000 = 44,204; 44,204 - 758 = 43,446.

3 4.NR.2.1 | DOK 2 | 1 point

Answer: 12,739

21,503 - 8,764 = 12,739. Check: 12,739 + 8,764 = 21,503.

4 4.NR.2.1 | DOK 2 | 1 point

Answer: 26,565

18,607 + 7,000 = 25,607; 25,607 + 958 = 26,565.

Set 11: Patterns and Input-Output Tables

1 **Answer: 66 ; 84** 4.PAR.3.1 | DOK 2 | 1 point

12, 30, 48, 66, 84. Add 18 for every next term.

2 **Answer: 10 ; A and C** 4.PAR.3.1 | DOK 2 | 1 point

Stage counts are 2, 4, 6, 8, 10. Stage 5 has 10 tiles, arranged in two rows of 5. A and C are true: all five counts are even, and each count is twice the stage number. B and D are false.



3 4.PAR.3.2 | DOK 2 | 1 point

Answer: 28 ; 46

4 × 6 + 4 = 28; 7 × 6 + 4 = 46.

4 4.PAR.3.2 | DOK 2 | 1 point

Answer: C

2 × 3 + 2 = 8; 5 × 3 + 2 = 17; 8 × 3 + 2 = 26. Only C fits all rows.

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Practice Test A

Name _____ Date _____

Show your thinking. Follow each item's directions.

1 Write 590,608 in expanded form. Keep six places in the chart.

HTh	TTh	Th	H	T	O
5	9	0	6	0	8

2 The digit 4 has value 400 in 62,400. Shift it two places left. What is its new value? Show the multiplication.

Answer

3 A preserve counted 74,680 seedlings. Round to the nearest 10,000 using the midpoint on the line.



Answer

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Practice Tests: Worked Scoring Keys

Practice Test A

1 4.NR.1.1 | DOK 1 | 1 point

Answer: 500,000 + 90,000 + 0 + 600 + 0 + 8

Accept omitted zero addends; all six chart cells stay in place.

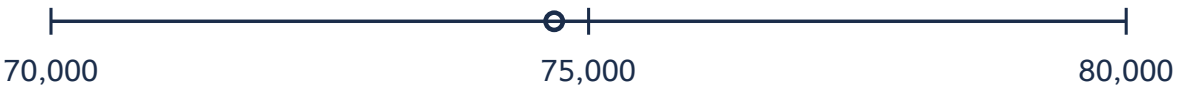
2 4.NR.1.2 | DOK 1 | 1 point

Answer: 40,000

400 × 100 = 40,000.

3 **Answer: 70,000** 4.NR.1.4 | DOK 2 | 1 point

74,680 is below 75,000, so round to 70,000.



4 **Answer: 68,391** 4.NR.2.1 | DOK 1 | 1 point

58,607 + 9,000 = 67,607; add 784 to reach 68,391.

5 **Answer: 1,022** 4.NR.2.2, 4.NR.2.3 | DOK 2 | 1 point

7 × 100 = 700; 7 × 40 = 280; 7 × 6 = 42; 700 + 280 + 42 = 1,022 centimeters.

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