



PRINTABLES

GRADE 6 MATH • END-OF-YEAR CUMULATIVE ASSESSMENT BUNDLE

4 Full-Length Practice Tests • 160 CCSS-Aligned Items • Answer Keys with Worked Solutions

Multiple-Choice • Griddables • Open-Response • Performance Task

What's inside: 4 printable tests (40 items each) • 4 bubble + griddable answer sheets • complete worked answer keys • CCSS alignment maps • student "I Can" tracker • teacher data-analysis dashboard • teacher guide with 4 implementation plans • Google Forms auto-grade notes.

Contents & Teacher Guide

- 1. Teacher Guide & Implementation Options
- 2. Test 1 — Mid-Year Checkpoint (+ sheet, key, map)
- 3. Test 2 — Q3 Cumulative (+ sheet, key, map)
- 4. Test 3 — Full End-of-Year Practice (+ sheet, key, map)
- 5. Test 4 — Final Comprehensive (+ sheet, key, map)
- 6. Student “I Can” Standards Tracker
- 7. Teacher Data-Analysis Dashboard Templates
- 8. Review Request

Assessment Blueprint

Every test contains 40 items: exactly 8 per CCSS domain (RP 20% / NS 20% / EE 20% / G 20% / SP 20%), with a 40% Basic / 40% Proficient / 20% Advanced mix (16/16/8). Item formats mirror state tests: 25 multiple-choice, 10 griddable, 5 open-response per test. Scoring: MC and griddable = 1 point; open-response = 2 points (45 points total per test).

Domain	# Items	Standards Assessed
Ratios & Proportional Relationships	8 per test	6.RP.A.1, 6.RP.A.2, 6.RP.A.3
The Number System	8 per test	6.NS.A.1, 6.NS.B.2, 6.NS.B.3, 6.NS.B.4, 6.NS.C.5, 6.NS.C.6, 6.NS.C.7, 6.NS.C.8
Expressions & Equations	8 per test	6.EE.A.1, 6.EE.A.2, 6.EE.A.3, 6.EE.A.4, 6.EE.B.5, 6.EE.B.6, 6.EE.B.7, 6.EE.B.8, 6.EE.C.9
Geometry	8 per test	6.G.A.1, 6.G.A.2, 6.G.A.3, 6.G.A.4
Statistics & Probability	8 per test	6.SP.A.1, 6.SP.A.2, 6.SP.A.3, 6.SP.B.4, 6.SP.B.5

Four Implementation Options

Option 1 — One-Per-Quarter Benchmark

Give Test 1 at the end of Quarter 2 (mid-year checkpoint), Test 2 at the end of Quarter 3, Test 3 six to eight weeks before the state test, and Test 4 during the final week. After each administration, complete one Data Dashboard, flag standards under 60% correct, and schedule 2–3 re-teach stations before the next benchmark.

Option 2 — Test-Prep Crash Course

In the 3–4 weeks before state testing, administer one full test every other day under timed conditions (60–75 minutes). On alternate days, students correct missed items using the worked solutions and log errors in the “I Can” tracker. Finish with Test 4 as the dress rehearsal.

Option 3 — Homework Batches

Assign the tests as ten-question weekly homework sets grouped by domain (e.g., all 8 RP items + 2 spiral). Students self-check with the answer keys, score themselves, and bring one “error analysis” note

Test 1 — Mid-Year Checkpoint

Focus: RP + NS depth with light EE/G/SP spiral

This test has 40 items: 25 multiple-choice, 10 griddable, 5 open-response • Domains: RP 8 • NS 8 • EE 8 • G 8 • SP 8 • Difficulty: 16 Basic / 16 Proficient / 8 Advanced • 45 points.

Directions: Solve each problem. Fill in the matching bubble on the answer sheet for multiple-choice items, record griddable answers in the grids (one digit or symbol per box), and show all work for open-response items in the space provided. Calculators are not needed.

Reference: Area of triangle = $(1/2)bh$ • Area of trapezoid = $(1/2)(b_1+b_2)h$ • Volume = lwh • Surface area = sum of face areas • Mean = $\text{sum} \div \text{count}$ • Distance on a line = $|a - b|$

1. A recipe uses 3 cups of flour for every 2 cups of sugar. Which statement best describes this ratio?

- A. The ratio of flour to sugar is 3:2.
- B. The ratio of sugar to flour is 3:2.
- C. The ratio of flour to sugar is 2:3.
- D. The ratio of flour to total cups is 3:2.

2. A car travels 240 miles in 4 hours at a constant speed. What is the unit rate?

- A. 50 miles per hour
- B. 55 miles per hour
- C. 60 miles per hour
- D. 65 miles per hour

3. Which is the better buy: 5 notebooks for \$12.50 or 8 notebooks for \$19.20?

- A. 5 for \$12.50, because the unit price is \$2.50
- B. 8 for \$19.20, because the unit price is \$2.40
- C. 5 for \$12.50, because the total cost is lower
- D. Both are equal value, because the unit prices are equal

4. A map uses the scale 2 cm : 5 km. How many kilometers does 9 cm on the map represent?

Griddable: record your answer in the grid for Question 4 on the answer sheet.

5. What is 35% of 80?

- A. 24
- B. 26
- C. 28
- D. 30

Test 1 Answer Key & Worked Solutions — Mid-Year Checkpoint

1. **A** • 6.RP.A.1 • Ratios & Proportional Relationships • Basic

Worked solution: Flour is named first: 3 cups flour to 2 cups sugar is the ratio 3:2. (Correct choice A: The ratio of flour to sugar is 3:2.)

2. **C** • 6.RP.A.2 • Ratios & Proportional Relationships • Basic

Worked solution: $240 \div 4 = 60$ miles per hour. (Correct choice C: 60 miles per hour)

3. **B** • 6.RP.A.2 • Ratios & Proportional Relationships • Proficient

Worked solution: $\$12.50 \div 5 = \$2.50$ per notebook; $\$19.20 \div 8 = \$2.40$ per notebook. $\$2.40 < \$2.50$, so 8 for \$19.20 is the better buy. (Correct choice B: 8 for \$19.20, because the unit price is \$2.40)

4. **22.5** • 6.RP.A.3 • Ratios & Proportional Relationships • Proficient

Worked solution: $5 \div 2 = 2.5$ km per cm; $9 \times 2.5 = 22.5$ km.

5. **C** • 6.RP.A.3 • Ratios & Proportional Relationships • Proficient

Worked solution: $0.35 \times 80 = 28$. (Correct choice C: 28)

6. **C** • 6.RP.A.3 • Ratios & Proportional Relationships • Proficient

Worked solution: $4 \times 11 = 44$, so $7 \times 11 = 77$. (Correct choice C: 77)

7. **\$33.60** • 6.RP.A.3 • Ratios & Proportional Relationships • Advanced

Worked solution: Sale price: $40 \times 0.80 = \$32$. Tax: $32 \times 1.05 = \$33.60$.

8. **7.5** • 6.RP.A.3 • Ratios & Proportional Relationships • Advanced

Worked solution: $9/4 \times 10/3 = 90/12 = 7.5$ cups.

9. **A** • 6.NS.C.6 • The Number System • Basic

Worked solution: The opposite of -7 is 7. (Correct choice A: 7)

10. **B** • 6.NS.C.5 • The Number System • Basic

Worked solution: Below zero is negative: -4. (Correct choice B: -4)

11. **10** • 6.NS.A.1 • The Number System • Proficient

Worked solution: $2 \frac{1}{2} \div \frac{1}{4} = \frac{5}{2} \times 4 = 10$ servings.

12. **C** • 6.NS.B.4 • The Number System • Proficient

Worked solution: Common factors include 1, 2, 3, 4, 6, 12; the greatest is 12. (Correct choice C: 12)

13. **C** • 6.NS.C.7 • The Number System • Proficient

Worked solution: Absolute value is distance from 0: 15. (Correct choice C: 15)

14. **34.8** • 6.NS.B.3 • The Number System • Proficient

Worked solution: $7.25 \times 4.8 = 34.8$ ($7.25 \times 4 = 29$; $7.25 \times 0.8 = 5.8$; $29 + 5.8 = 34.8$).

Test 1 CCSS Alignment Map — Mid-Year Checkpoint

Use this map to connect every result to a standard for targeted re-teaching. Enter % correct on the Data Dashboard (final section).

#	Domain	Standard	Type	Difficulty	Answer
1	Ratios & Proportional Relationships	6.RP.A.1	Multiple-choice	Basic	A
2	Ratios & Proportional Relationships	6.RP.A.2	Multiple-choice	Basic	C
3	Ratios & Proportional Relationships	6.RP.A.2	Multiple-choice	Proficient	B
4	Ratios & Proportional Relationships	6.RP.A.3	Griddable	Proficient	22.5
5	Ratios & Proportional Relationships	6.RP.A.3	Multiple-choice	Proficient	C
6	Ratios & Proportional Relationships	6.RP.A.3	Multiple-choice	Proficient	C
7	Ratios & Proportional Relationships	6.RP.A.3	Open-response	Advanced	\$33.60
8	Ratios & Proportional Relationships	6.RP.A.3	Griddable	Advanced	7.5
9	The Number System	6.NS.C.6	Multiple-choice	Basic	A
10	The Number System	6.NS.C.5	Multiple-choice	Basic	B
11	The Number System	6.NS.A.1	Griddable	Proficient	10
12	The Number System	6.NS.B.4	Multiple-choice	Proficient	C
13	The Number System	6.NS.C.7	Multiple-choice	Proficient	C
14	The Number System	6.NS.B.3	Griddable	Proficient	34.8
15	The Number System	6.NS.B.4	Multiple-choice	Advanced	A
16	The Number System	6.NS.A.1	Open-response	Advanced	1/4
17	Expressions & Equations	6.EE.A.1	Multiple-choice	Basic	D
18	Expressions & Equations	6.EE.A.2	Multiple-choice	Basic	B
19	Expressions & Equations	6.EE.A.1	Griddable	Basic	109
20	Expressions & Equations	6.EE.A.3	Multiple-choice	Basic	C
21	Expressions & Equations	6.EE.B.7	Multiple-choice	Proficient	B
22	Expressions & Equations	6.EE.B.7	Griddable	Proficient	9
23	Expressions & Equations	6.EE.B.8	Multiple-choice	Proficient	C
24	Expressions & Equations	6.EE.B.6	Open-response	Advanced	\$16
25	Geometry	6.G.A.1	Multiple-choice	Basic	C
26	Geometry	6.G.A.1	Multiple-choice	Basic	B
27	Geometry	6.G.A.2	Griddable	Basic	120
28	Geometry	6.G.A.4	Multiple-choice	Basic	C
29	Geometry	6.G.A.1	Multiple-choice	Proficient	C
30	Geometry	6.G.A.3	Griddable	Proficient	8

Test 3 — Full End-of-Year Practice Test

All five domains equally weighted

This test has 40 items: 25 multiple-choice, 10 griddable, 5 open-response • Domains: RP 8 • NS 8 • EE 8 • G 8 • SP 8 • Difficulty: 16 Basic / 16 Proficient / 8 Advanced • 45 points.

Directions: Solve each problem. Fill in the matching bubble on the answer sheet for multiple-choice items, record griddable answers in the grids (one digit or symbol per box), and show all work for open-response items in the space provided. Calculators are not needed.

Reference: Area of triangle = $(1/2)bh$ • Area of trapezoid = $(1/2)(b_1+b_2)h$ • Volume = lwh • Surface area = sum of face areas • Mean = $\text{sum} \div \text{count}$ • Distance on a line = $|a - b|$

1. Write the ratio of 12 boys to 16 girls in simplest form.

- A. 3:4
- B. 4:3
- C. 6:8
- D. 12:16

2. Find the unit price: \$9.60 for 4 pounds.

Griddable: record your answer in the grid for Question 2 on the answer sheet.

3. What is 50% of 140?

- A. 28
- B. 70
- C. 80
- D. 90

4. Pens cost \$7.50 for 5. At the same rate, what is the cost of 9 pens?

- A. \$12.50
- B. \$13.50
- C. \$14.50
- D. \$15.00

5. What is a 15% tip on a \$46 bill?

Griddable: record your answer in the grid for Question 5 on the answer sheet.

6. How many meters are in 3.2 kilometers?

- A. 32
- B. 320
- C. 3,200
- D. 32,000

Test 4 Answer Sheet — Final Comprehensive

Name _____ Date _____ Period _____

Part A — Multiple Choice (fill in one bubble per question)

- | | |
|---------------------|---------------------|
| 1. (A) (B) (C) (D) | 3. (A) (B) (C) (D) |
| 4. (A) (B) (C) (D) | 6. (A) (B) (C) (D) |
| 7. (A) (B) (C) (D) | 9. (A) (B) (C) (D) |
| 11. (A) (B) (C) (D) | 12. (A) (B) (C) (D) |
| 14. (A) (B) (C) (D) | 15. (A) (B) (C) (D) |
| 17. (A) (B) (C) (D) | 19. (A) (B) (C) (D) |
| 20. (A) (B) (C) (D) | 22. (A) (B) (C) (D) |
| 23. (A) (B) (C) (D) | 25. (A) (B) (C) (D) |
| 27. (A) (B) (C) (D) | 28. (A) (B) (C) (D) |
| 30. (A) (B) (C) (D) | 32. (A) (B) (C) (D) |
| 33. (A) (B) (C) (D) | 34. (A) (B) (C) (D) |
| 36. (A) (B) (C) (D) | 37. (A) (B) (C) (D) |
| 39. (A) (B) (C) (D) | |

Part B — Griddables (one character per box; use “/” for fractions and “.” for decimals)

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Part C — Open Response (use the boxes on the back / attached pages)

Question 8

#	Standard	Domain	# Correct	% Correct	Reteach? (Y/N)
35	6.SP.B.5	SP			
36	6.SP.B.5	SP			
37	6.SP.B.5	SP			
38	6.SP.B.5	SP			
39	6.SP.A.2	SP			
40	6.SP.B.5	SP			
	DOMAIN SUMMARY				
	Ratios & Proportional Relationships			avg %	
	The Number System			avg %	
	Expressions & Equations			avg %	
	Geometry			avg %	
	Statistics & Probability			avg %	

Class Roster Quick-View (enter each student's % per test)

Student	Test 1 %	Test 2 %	Test 3 %	Test 4 %	Average	Goal Met?

GRADE 6 MATH

END-OF-YEAR CUMULATIVE ASSESSMENT BUNDLE

63-page printable assessment system for cumulative review, standards tracking, and targeted re-teaching

4

FULL-LENGTH TESTS

160

TOTAL ITEMS

5

CCSS DOMAINS

45

POINTS / TEST

WHAT THE FULL RESOURCE INCLUDES

- **4 printable full-length tests**
40 items each; 160 items total.
- **4 answer sheets**
Multiple-choice bubbles, griddable grids, and open-response space.
- **4 worked answer keys**
Solutions plus standard, domain, difficulty, and answer for each item.
- **4 CCSS alignment maps**
Item-level alignment for each test.
- **Student "I Can" tracker**
Standards tracking, self-rating, and reflection across Tests 1-4.
- **Teacher data dashboard**
Item analysis, domain summaries, and class roster quick-view.
- **Teacher guide + 4 implementation options**
Administration/scoring guidance and suggested ways to use the tests across the year.
- **Google Forms notes + review page**
Auto-grade workflow notes and a general review request page.

ASSESSMENT DESIGN

ITEM FORMATS

25 multiple-choice
10 griddable
5 open-response

DIFFICULTY MIX

16 Basic
16 Proficient
8 Advanced

DOMAIN WEIGHTING

8 items per domain on every test
20% each across RP / NS / EE / G / SP

SCORING

MC + griddable = 1 point each
Open-response = 2 points each
45 points maximum per test

FOUR-TEST PROGRESSION

- TEST 1 - MID-YEAR CHECKPOINT**
RP + NS depth; EE/G/SP spiral
- TEST 2 - Q3 CUMULATIVE**
EE + G depth; RP/NS/SP spiral
- TEST 3 - FULL END-OF-YEAR PRACTICE**
All five domains equally weighted
- TEST 4 - FINAL COMPREHENSIVE**
Mixed difficulty; culminating assessment

CCSS DOMAINS + SUPPORT

- RP** Ratios & Proportional Relationships
6.RP.A.1-A.3
- NS** The Number System
6.NS.A.1; B.2-B.4; C.5-C.8
- EE** Expressions & Equations
6.EE.A.1-A.4; B.5-B.8; C.9
- G** Geometry
6.G.A.1-A.4
- SP** Statistics & Probability
6.SP.A.1-A.3; B.4-B.5

TEACHER WORKFLOW

Benchmark -> Practice -> Reteach -> Final Review

Student-facing assessments + teacher-facing analysis tools

Tests, answer sheets, worked keys, CCSS maps, I Can tracking, data dashboard templates, teacher guide, and Google Forms notes.

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