

Grade 6 Math Complete Revision Pack

Diagnostic Test + Three Full Practice Papers + Progress Tracking

Student Name	
Start Date	
Teacher/Parent	

140 Questions	4 Assessments	5 Math Domains
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Diagnostic | Practice | Review | Track Progress

Original educational content. Common Core-aligned. Not an official or endorsed Common Core assessment.

This pack is designed to help you identify skill gaps, practice the full Grade 6 curriculum, and measure improvement over time. Complete the assessments in order and use the tracker pages to plan your next study steps.

What is included

Assessment	Questions	Purpose
Diagnostic	20	Starting-point check
Paper 1	40	Fluency and accuracy
Paper 2	40	Application and multi-step work
Paper 3	40	Cumulative mastery and reasoning

Five Grade 6 domains

- Ratios and Proportional Relationships
- The Number System
- Expressions and Equations
- Geometry
- Statistics and Probability

Grade 6 Math Diagnostic Test

Free Printable Skill Check

Student Name	_____
Date	_____
Teacher/Parent	_____

20 Questions	30 Minutes	No Calculator
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Common Core-aligned skill check for US middle-school mathematics

Original assessment content. Not an official or endorsed Common Core assessment.

Instructions | Read before you begin

How to use this diagnostic

- Allow about 30 minutes.
- Do not use a calculator.
- Choose one answer for each multiple-choice question.
- Show your work for short-answer and problem-solving questions.
- Complete all 20 questions. Each question is worth 1 point.

Quick Answer Record

1		2		3		4	
5		6		7		8	
9		10		11		12	
13		14		15		16	
17		18		19		20	

Skills Assessed

Domain	Questions	Maximum Score
Ratios and Rates	1-4	4
The Number System	5-10	6
Expressions and Equations	11-15	5
Geometry	16-18	3
Statistics	19-20	2

Questions 1-5 | Ratios, rates, and number skills

1 A school club has 18 sixth graders and 12 seventh graders. What is the ratio of sixth graders to seventh graders in simplest form?

- A. 2:3
- B. 3:2
- C. 6:4
- D. 18:30

2 A pack of 5 notebooks costs \$12.50. What is the cost of one notebook?

- A. \$1.50
- B. \$2.50
- C. \$6.25
- D. \$17.50

3 A recipe uses 3 cups of rice for 8 servings. At the same rate, how many cups of rice are needed for 16 servings?

4 What is 35% of 80?

- A. 18
- B. 24
- C. 28
- D. 35

5 Compute: $\frac{3}{4} \div \frac{1}{8}$

Grade 6 Math Practice Paper 1

Core Skills and Fluency

Student Name	
Date	
Teacher/Parent	

40 Questions	60 Minutes	No Calculator
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Core Skills and Fluency | Common Core-aligned Grade 6 practice

Original assessment content. Not an official or endorsed Common Core assessment.

Instructions | Read before beginning

Assessment directions

- Allow 60 minutes and work independently.
- Do not use a calculator.
- Choose one answer for each multiple-choice question.
- Show clear working for short-answer, multi-step, and reasoning questions.
- Complete all 40 questions. Each question is worth 1 point.

Quick Answer Record

1		2		3		4		5	
6		7		8		9		10	
11		12		13		14		15	
16		17		18		19		20	
21		22		23		24		25	
26		27		28		29		30	
31		32		33		34		35	
36		37		38		39		40	

Domain Allocation

Domain	Questions	Maximum Score
Ratios and Rates	1-7	7
The Number System	8-20	13
Expressions and Equations	21-30	10
Geometry	31-36	6
Statistics	37-40	4

Grade 6 Math Practice Paper 2

Real-World Applications and Multi-Step Problem Solving

Student Name	
Date	
Teacher/Parent	

40 Questions	60 Minutes	Q27-40 Calculator
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Real-World Applications | Common Core-aligned Grade 6 practice

Original assessment content. Not an official or endorsed Common Core assessment.

Grade 6 Math Practice Paper 3

Mixed Mastery, Cumulative Review, and Mathematical Reasoning

Student Name	
Date	
Teacher/Parent	

40 Questions	60 Minutes	Q25-40 Calculator
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Mixed Mastery | Cumulative Review | Mathematical Reasoning

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