



Grade 6 Math

STAAR + CCSS Dual-Aligned

Review Task Cards

120 Cards | Readiness + Supporting | 5 Domains
Multiple-Choice | Griddable | Open-Ended

120 Printable Task Cards (Full Color, 4 per Page)	5 One-Page Cheat Sheets (Domain Reference)	Complete Answer Key (Worked Solutions)
Griddable Answer Sheet (TEKS-Style)	MC Answer Sheet (Scan-Friendly)	CCSS + TEKS Alignment Chart
Teacher Guide (5 Strategies)	Readiness/Supporting Labels per TEKS	CCSS Tags per National Convention

RP Ratios & Proportions	NS Number System	EE Expressions & Equations	G Geometry	SP Statistics & Probability
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UM Printables

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Help other teachers discover this resource

Teacher Guide

5 Implementation Strategies

This resource is designed for maximum flexibility. The 120 task cards can be used in multiple classroom settings, from daily warm-ups to full-period review sessions. Each strategy below provides a different way to implement these cards, along with time estimates, differentiation tips, and management suggestions. Choose the strategy that best fits your instructional goals, or rotate between strategies throughout your review cycle to keep engagement high and address diverse learning needs. All strategies leverage the dual-alignment feature: TEKS Readiness/Supporting labels help you prioritize for STAAR, while CCSS tags ensure national standards coverage.

W U

Strategy 1: Warm-Up / Bell Ringer

Recommended Time: 3-5 minutes daily

Use 1-2 task cards at the start of each class period as a warm-up activity to activate prior knowledge and settle students into a learning mindset. Display a card on the board or hand one to each student as they enter. Allow 3-5 minutes for individual work, then review as a class. Rotate through domains daily (e.g., Monday = RP, Tuesday = NS) to ensure spiral review across all standards. Use Readiness cards first for core skills, then Supporting cards for enrichment. This approach ensures every standard gets revisited multiple times before the STAAR test, and the short daily practice builds automaticity without overwhelming students.

Implementation Tips:

- Project cards on a smartboard for whole-class visibility
- Use a timer to keep pacing brisk and focused
- Collect student responses on mini-whiteboards for quick formative assessment
- Alternate between MC and griddable formats to build test-taking stamina

ST

Strategy 2: Math Stations / Centers

Recommended Time: 40-50 minutes (full class period)

Set up 5 stations around the room, one for each domain (RP, NS, EE, G, SP). Place 4-6 task cards at each station along with the corresponding cheat sheet for student reference. Students rotate through stations in small groups, spending 8-10 minutes at each. This structure allows for collaborative problem-solving, peer tutoring, and targeted practice within each domain. The cheat sheets provide just-in-time support for students who need a reminder of formulas or concepts, promoting independence while reducing frustration. Consider color-coding stations by domain to match the card colors.

Implementation Tips:

- Use a rotation timer so groups move smoothly between stations
- Assign mixed-ability groups so stronger students can support peers
- Place answer keys at each station for self-checking after completion
- Differentiate by assigning Readiness cards to all and Supporting to early finishers

H W

Strategy 3: Homework / Independent Practice

Recommended Time: 15-20 minutes per evening

Card 1

RP | Multiple-Choice

R

A recipe calls for 2 cups of flour for every 3 cups of sugar. What is the ratio of flour to sugar?

- A. 3:2**
- B. 2:5**
- C. 2:3**
- D. 3:5**

CCSS: 6.RP.A.1 | TEKS: 6.4A | **Readiness****Card 2**

RP | Multiple-Choice

R

In a class, there are 12 girls and 18 boys. What is the ratio of girls to the total number of students?

- A. 18:30**
- B. 12:18**
- C. 18:12**
- D. 12:30**

CCSS: 6.RP.A.1 | TEKS: 6.4A | **Readiness**

Card 25

NS | Multiple-Choice

S**What is $\frac{3}{4}$ divided by $\frac{1}{8}$?**

- A.** 3
- B.** $\frac{3}{32}$
- C.** $\frac{8}{3}$
- D.** 6

CCSS: 6.NS.A.1 | TEKS: 6.3A | **Supporting****Card 26**

NS | Multiple-Choice

R**What is 4,836 divided by 12?**

- A.** 304
- B.** 403
- C.** 430
- D.** 340

CCSS: 6.NS.A.2 | TEKS: 6.3C | **Readiness**

Card 73**G | Multiple-Choice****R**

What is the area of a triangle with base 10 cm and height 6 cm?

- A.** 16 sq cm
- B.** 60 sq cm
- C.** 36 sq cm
- D.** 30 sq cm

CCSS: 6.G.A.1 | TEKS: 6.8D | **Readiness**

Card 74**G | Multiple-Choice****R**

What is the volume of a rectangular prism with length 4 cm, width 3 cm, and height 5 cm?

- A.** 12 cubic cm
- B.** 120 cubic cm
- C.** 60 cubic cm
- D.** 47 cubic cm

CCSS: 6.G.A.2 | TEKS: 6.8C | **Readiness**

Ratios & Proportional Relationships Cheat Sheet

Key Formulas & Definitions

Ratio: $a:b$ compares two quantities

Rate: A ratio comparing quantities with different units

Unit Rate: Rate per 1 unit (e.g., 60 mph)

Proportion: $a/b = c/d$ (two equal ratios)

Cross Products: If $a/b = c/d$, then $a \times d = b \times c$

Percent Formula: Part = Percent $\times$ Whole

Percent to Decimal: Divide by 100 (e.g., 25% = 0.25)

Fraction to Percent: Divide numerator by denominator, multiply by 100

Scale Factor: Scale = model measurement / actual measurement

Equivalent Ratios: Multiply or divide both terms by the same number

Key Ideas & Tips

- A ratio compares two or more quantities. Order matters: 2:3 is not the same as 3:2.
- A proportion is an equation stating two ratios are equal.
- To solve a proportion, use cross products: if $a/b = c/d$, then $ad = bc$.
- A unit rate has a denominator of 1. Always simplify rates to unit rates for comparison.
- Percents are ratios per 100. 35% means 35 out of 100 or 35/100.
- To find a percent of a number, convert to decimal and multiply.
- Scale drawings use ratios to represent actual measurements.

RP | Ratios & Proportional Relationships

Answer Key with Worked Solutions

Below are the complete answers and step-by-step worked solutions for all 120 task cards. Each solution shows the mathematical reasoning and procedures required to arrive at the correct answer. Use these solutions for student reference, self-checking, or to guide class discussions about problem-solving strategies.

Domain RP: Ratios & Proportional Relationships

Card	Fmt	CCSS	TEKS	Type	Answer
1	MC	6.RP.A.1	6.4A	R	C
2	MC	6.RP.A.1	6.4A	R	D
3	MC	6.RP.A.2	6.4B	R	C
4	MC	6.RP.A.3	6.4C	R	D
5	MC	6.RP.A.3a	6.4D	S	A
6	MC	6.RP.A.3b	6.4E	R	A
7	MC	6.RP.A.3c	6.4F	R	D
8	MC	6.RP.A.3c	6.4G	R	C
9	MC	6.RP.A.3d	6.4H	R	B
10	MC	6.RP.A.3	6.5A	R	D
11	MC	6.RP.A.3	6.5B	R	B
12	MC	6.RP.A.3	6.5C	S	A
13	Grid	6.RP.A.2	6.4B	R	9
14	Grid	6.RP.A.3c	6.4F	R	0.25
15	Grid	6.RP.A.3b	6.4E	R	5
16	Grid	6.RP.A.3c	6.4G	R	0.375
17	Grid	6.RP.A.3	6.5A	R	24
18	Grid	6.RP.A.3d	6.4H	R	105
19	Open	6.RP.A.1	6.4A	R	8
20	Open	6.RP.A.3b	6.4E	R	Oranges by \$0.15
21	Open	6.RP.A.3c	6.4F	R	\$48
22	Open	6.RP.A.3	6.5B	R	Car A (30 mpg)
23	Open	6.RP.A.3d	6.4H	R	315 sq ft
24	Open	6.RP.A.3c	6.4G	R	0.75, 75%

Worked Solutions:

Card 1

Answer: C

Solution: The ratio of flour to sugar is 2 cups to 3 cups, written as 2:3. The first term corresponds to the first quantity mentioned (flour), and the second term to the second quantity (sugar). It is important to maintain the order as stated in the problem.

Card 2

Answer: D

Solution: Total students = $12 + 18 = 30$. The ratio of girls to total students is 12:30. This can also be simplified to 2:5, but the question asks for the ratio of girls to total, which is 12:30.

Card 3

Answer: C

Solution: Unit rate = $180 \text{ miles} / 3 \text{ hours} = 60 \text{ miles per hour}$. A unit rate expresses a rate per 1 unit of the second quantity.

Card 4

Answer: D

What's Inside

Grade 6 Math STAAR + CCSS Dual-Aligned Review Task Cards

120 Cards | Readiness + Supporting | 5 Domains

● **120 Full-Color Task Cards**

4 per page, 3 formats: MC, Griddable, Open-Ended

● **5 Domain Sections**

RP, NS, EE, G, SP · 24 cards each

● **60 Multiple-Choice Cards**

4 options each, STAAR-style format

● **30 Griddable Response Cards**

TEKS-style open numeric answers

● **30 Open-Ended Cards**

With rubrics and work space

● **Readiness + Supporting Labels**

Color-coded badges on every card

● **5 One-Page Cheat Sheets**

Key formulas & tips per domain

● **Complete Answer Key**

Worked solutions for all 120 cards

● **CCSS + TEKS Alignment Chart**

Full crosswalk with R/S designations

● **Griddable Answer Sheet**

TEKS-style response grids

● **MC Bubble Answer Sheet**

Scan-friendly format

● **Teacher Guide**

5 implementation strategies with tips

5 Domains Covered:

RP

Ratios & Proportions

NS

Number System

EE

Expressions & Eqns

G

Geometry

SP

Statistics & Prob

Resource Details

Total Pages:	97 pages
Task Card Pages:	30 pages (4 full-color cards per page)
Format:	PDF · Print-Ready, Full Color, Vector Quality
Alignment:	STAAR TEKS + Common Core State Standards (CCSS)
Grade Level:	Grade 6 Mathematics

Get the full resource with all 120 task cards, answer keys, and bonus materials!