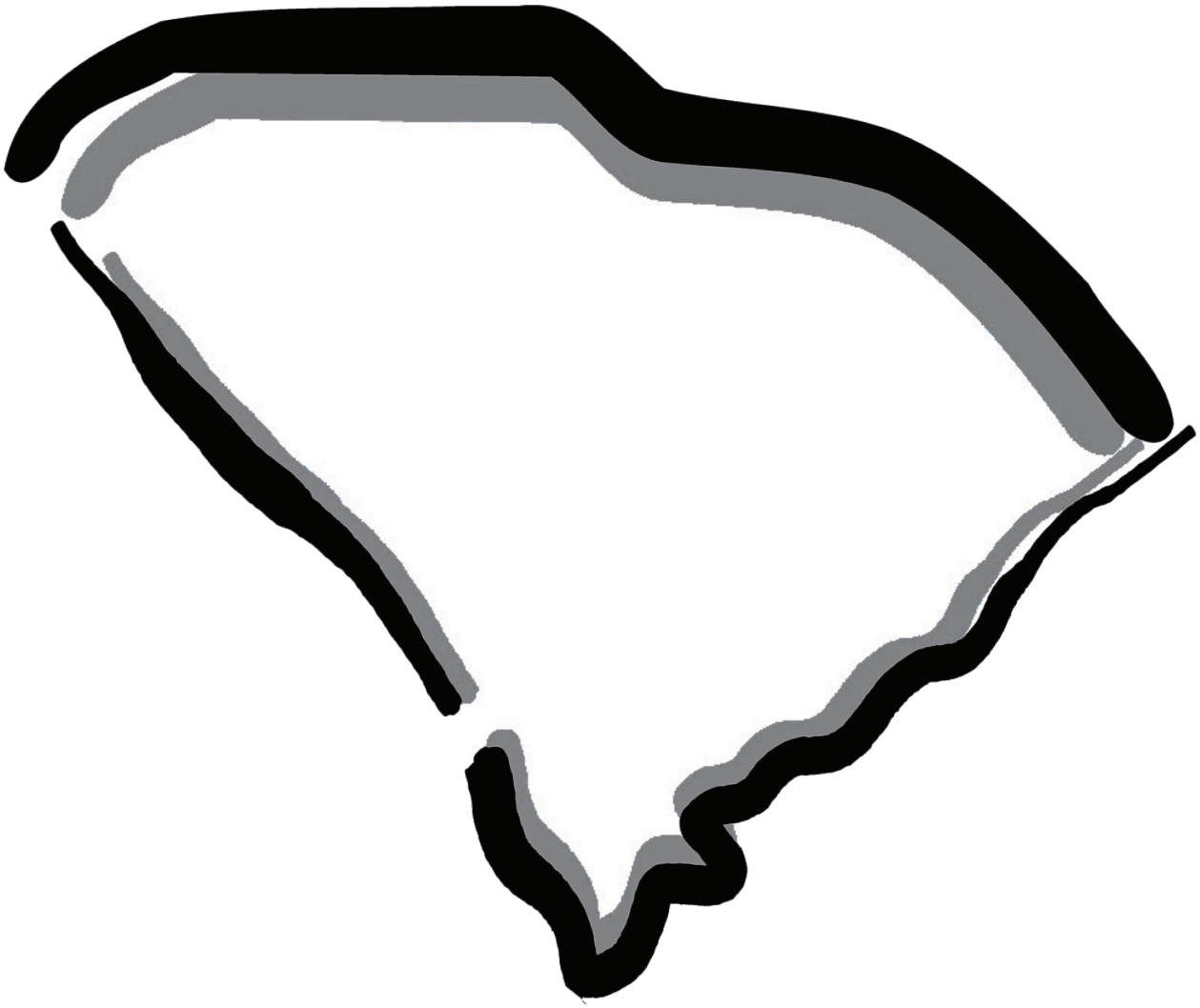
SC READY

South Carolina College- and Career-Ready Assessments



Grade 3 Mathematics

2015 SAMPLE ITEMS
Realigned to the 2025 Math Indicators

Introduction

The South Carolina Department of Education provides districts and schools with tools to assist in delivering focused instruction aligned with the South Carolina College- and Career-Ready Standards (SC CCRS). This document contains a set of twenty SC READY test items that have been written to align with the 2015 South Carolina College- and Career-Ready Math Standards. These items were reviewed for content and bias prior to being field tested and approved for release to the public. Where possible, each item's alignment to the 2025 SC CCR Math Standards has been provided.

Purpose

This document is intended to be a resource for educators; it is not designed to be a practice test for students. The sample items are examples of college- and career-ready assessment items. These items were chosen to reflect the increased rigor of assessing the South Carolina College- and Career-Ready Standards which includes the Mathematical Process Standards. SC READY assesses content indicators in a variety of ways. This document does not include all item types or indicators.

Item Information Format

Indicator Alignment	SC CCR
Indicator Description	text from SC CCR
Answer Key	correct answer
Depth of Knowledge	cognitive demand
Estimated Difficulty	estimate based on student responses

Links

South Carolina College- and Career-Ready Standards
https://ed.sc.gov/instruction/standards-learning/mathematics/standards/

1. What is 389 rounded to the nearest hundred?

A. 300

B. 380

C. 390

D. 400

SC READY MATH Sample Item			
		Indicator Alignment	2025 Indicator Alignment - 3.NR.1.4
		Indicator Description	Round whole numbers from 0 to 1,000 to the nearest 10 or 100.
	1	**Answer Key**	D
		Depth of Knowledge	1
		Estimated Difficulty	**Low Difficulty**

2. Ms. Kren is reading a book with 524 pages.

How many pages are in Ms. Kren's book rounded to the nearest ten?

A. 500

B. 510

C. 520

D. 530

SC READY MATH Sample Item			
	2	**Indicator Alignment**	2025 Indicator Alignment - 3.NR.1.4
		Indicator Description	Round whole numbers from 0 to 1,000 to the nearest 10 or 100.
		Answer Key	C
		Depth of Knowledge	1
		Estimated Difficulty	**Low Difficulty**

3. Jerry is putting a puzzle together. The number of pieces he has left, rounded to the nearest hundred, is 400 pieces.

Which could be the actual number of pieces Jerry has left?

A. 319

B. 350

C. 450

D. 499

SC READY MATH Sample Item			
		Indicator Alignment	2025 Indicator Alignment - 3.NR.1.4
		Indicator Description	Round whole numbers from 0 to 1,000 to the nearest 10 or 100.
	3	**Answer Key**	B
		Depth of Knowledge	3
		Estimated Difficulty	**Low Difficulty**

4. Kerry is comparing the two numbers shown.

707,919 ___ 716,405

Which symbol should Kerry use to correctly compare the two numbers?

A. <

B. >

C. +

D. =

SC READY MATH Sample Item			
		Indicator Alignment	2025 Indicator Alignment - 3.NR.1.3
		Indicator Description	Compare two whole numbers up to 999,999 based on the place value of the digits using the symbols for is equal to (=), is less than (<), or is greater than (>).
	4	**Answer Key**	A
		Depth of Knowledge	1
		Estimated Difficulty	**Medium Difficulty**

5. Amir is filling a garden with dirt using a bucket.

One bucket of dirt fills $\frac{1}{10}$ of the garden.

So far, he has filled $\frac{8}{10}$ of the garden with dirt.

How many buckets of dirt has Amir put into the garden so far?

A. $\frac{1}{10}$

B. $\frac{8}{10}$

C. 1

D. 8

SC READY MATH Sample Item			
	5	**Indicator Alignment**	3.NSF.1b (Does Not Align to a 2025 3rd Grade Indicator)
		Indicator Description	Develop an understanding of fractions (i.e., denominators 2, 3, 4, 6, 8, 10) as numbers. A fraction *a/b* is the quantity formed by *a* parts of size 1/*b*.
		Answer Key	D
		Depth of Knowledge	2
		Estimated Difficulty	**High Difficulty**

6. A small pizza is cut into equal-size pieces. Emily ate 5 of the pieces.

This was $\frac{5}{8}$ of the entire small pizza.

Which fraction represents the size of one piece of the small pizza?

A. $\frac{1}{8}$

B. $\frac{3}{8}$

C. $\frac{5}{8}$

D. $\frac{8}{8}$

SC READY MATH Sample Item			
	6	**Indicator Alignment**	2025 Indicator Alignment - 3.NR.2.1
		Indicator Description	Represent fractions from 0 to 1 using concrete, set, area, and linear models, and write them in standard form and word form. Limit denominators to 2, 3, 4, 6, and 8.
		Answer Key	A
		Depth of Knowledge	2
		Estimated Difficulty	**Medium Difficulty**

7. Which number is equal to $\frac{8}{8}$?

A. $\frac{1}{8}$

B. 1

C. 8

D. $\frac{8}{1}$

SC READY MATH Sample Item			
	7	**Indicator Alignment**	2025 Indicator Alignment - 3.NR.2.3
		Indicator Description	Express whole numbers as fractions and identify fractions that are equivalent to whole numbers. Limit denominators to 1, 2, 3, 4, 6, and 8.
		Answer Key	B
		Depth of Knowledge	1
		Estimated Difficulty	**High Difficulty**

8. Vic writes $\frac{16}{1}$ to show the number of miles he rode his bike.

How many miles did Vic ride his bike?

A. 1

B. 6

C. 15

D. 16

SC READY MATH Sample Item	8		
		Indicator Alignment	2025 Indicator Alignment - 3.NR.2.3
		Indicator Description	Express whole numbers as fractions and identify fractions that are equivalent to whole numbers. Limit denominators to 1, 2, 3, 4, 6, and 8.
		Answer Key	D
		Depth of Knowledge	1
		Estimated Difficulty	**Medium Difficulty**

9. Mr. Sakatos buys 6 boxes of fruit bars. Each box has 4 fruit bars in it. Which equation could Mr. Sakatos use to show the total number of fruit bars, t, he buys?

A. $6 - 4 = t$

B. $6 + 4 = t$

C. $6 \div 4 = t$

D. $6 \times 4 = t$

SC READY MATH Sample Item		
9	**Indicator Alignment**	2025 Indicator Alignment - 3.PAFR.2.1
	Indicator Description	Determine the unknown whole number in a multiplication or division real-world situation relating three whole numbers when the unknown is a missing factor, product, dividend, divisor, or quotient.
	Answer Key	D
	Depth of Knowledge	2
	Estimated Difficulty	**Low Difficulty**

10. A package of cookies has a total of 30 cookies.

- The package has 3 rows of cookies.
- Each row has the same number of cookies.
- To find c, the number of cookies in each row, Luis writes $3 \times c = 30$.

What is another equation Luis could use to find the number of cookies in each row?

A. $3 + c = 30$

B. $30 - c = 3$

C. $3 \times 30 = c$

D. $30 \div 3 = c$

SC READY MATH Sample Item 10		
	Indicator Alignment	2025 Indicator Alignment - 3.PAFR.2.1
	Indicator Description	Determine the unknown whole number in a multiplication or division real-world situation relating three whole numbers when the unknown is a missing factor, product, dividend, divisor, or quotient.
	Answer Key	D
	Depth of Knowledge	2
	Estimated Difficulty	**Medium Difficulty**

11. Tatum opens 6 packages of pens. Each package has 4 pens. Then, he puts all the pens into 3 cups equally.

How many pens does Tatum put into each cup?

A. 7

B. 8

C. 21

D. 24

SC READY MATH Sample Item 11		
	Indicator Alignment	3.ATO.8 (Does Not Align to a 2025 3rd Grade Indicator)
	Indicator Description	Solve two-step real-world problems using addition, subtraction, multiplication and division of whole numbers and having whole number answers. Represent these problems using equations with a letter for the unknown quantity.
	Answer Key	B
	Depth of Knowledge	2
	Estimated Difficulty	**Medium Difficulty**

12. Kara has 3 shelves to put 18 books on.

- She puts an equal number of books on each shelf.
- Then, Kara buys 5 new books.
- She puts the 5 new books on the first shelf.

How many books does Kara have on the first shelf?

A. 1

B. 11

C. 20

D. 30

SC READY MATH Sample Item 12		
	Indicator Alignment	3.ATO.8 (Does Not Align to a 2025 3rd Grade Indicator)
	Indicator Description	Solve two-step real-world problems using addition, subtraction, multiplication and division of whole numbers and having whole number answers. Represent these problems using equations with a letter for the unknown quantity.
	Answer Key	B
	Depth of Knowledge	3
	Estimated Difficulty	**Medium Difficulty**

13. Which sentence about all quadrilaterals is true?

A. They have four sides.

B. They have right angles.

C. They have pairs of matching sides.

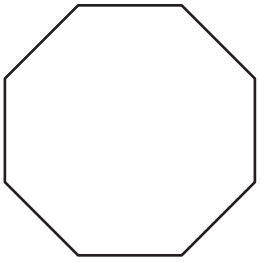
D. They have sides that are the same length.

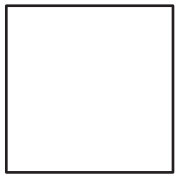
SC READY MATH Sample Item 13		
	Indicator Alignment	3.G.1 (Does Not Align to a 2025 3rd Grade Indicator)
	Indicator Description	Understand that shapes in different categories (e.g., rhombus, rectangle, square, and other 4-sided shapes) may share attributes (e.g., 4-sided figures) and the shared attributes can define a larger category (e.g., quadrilateral). Recognize rhombuses, rectangles, and squares as examples of quadrilaterals, and draw examples of quadrilaterals that do not belong to any of these subcategories.
	Answer Key	A
	Depth of Knowledge	3
	Estimated Difficulty	**Low Difficulty**

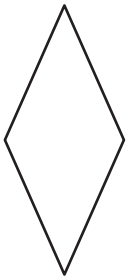
14. Kevin draws a quadrilateral that is **not** a rectangle.

Which shape could be Kevin's quadrilateral?

A. 

B. 

C. 

D. 

SC READY MATH Sample Item 14		
	Indicator Alignment	3.G.1 (Does Not Align to a 2025 3rd Grade Indicator)
	Indicator Description	Understand that shapes in different categories (e.g., rhombus, rectangle, square, and other 4-sided shapes) may share attributes (e.g., 4-sided figures) and the shared attributes can define a larger category (e.g., quadrilateral). Recognize rhombuses, rectangles, and squares as examples of quadrilaterals, and draw examples of quadrilaterals that do not belong to any of these subcategories.
	Answer Key	D
	Depth of Knowledge	3
	Estimated Difficulty	**High Difficulty**

15. Ricky draws a shape.

- The shape has four sides.
- The shape has exactly two right angles.
- Each side of the shape is a different length.

Which word **best** describes Ricky's shape?

A. square

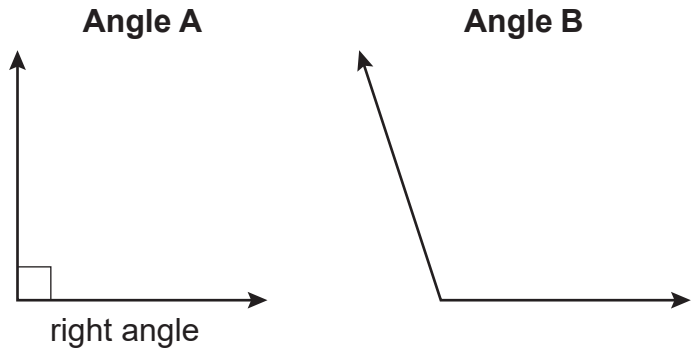
B. rhombus

C. rectangle

D. quadrilateral

SC READY MATH Sample Item 15		
	Indicator Alignment	3.G.1 (Does Not Align to a 2025 3rd Grade Indicator)
	Indicator Description	Understand that shapes in different categories (e.g., rhombus, rectangle, square, and other 4-sided shapes) may share attributes (e.g., 4-sided figures) and the shared attributes can define a larger category (e.g., quadrilateral). Recognize rhombuses, rectangles, and squares as examples of quadrilaterals, and draw examples of quadrilaterals that do not belong to any of these subcategories.
	Answer Key	D
	Depth of Knowledge	3
	Estimated Difficulty	**High Difficulty**

16. Angle A and angle B are shown.



Which word describes angle B?

A. acute

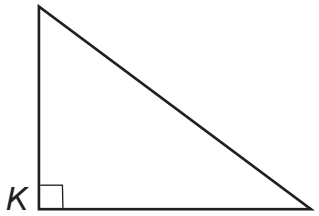
B. obtuse

C. closed

D. right

SC READY MATH Sample Item			
		Indicator Alignment	2025 Indicator Alignment - 3.MGSR.3.1
		Indicator Description	Describe and draw right, acute, obtuse, and straight angles. Identify these angle types in two-dimensional figures including triangles and quadrilaterals.
	16	**Answer Key**	B
		Depth of Knowledge	1
		Estimated Difficulty	**Low Difficulty**

17. Kylie draws a shape.



A right angle is labeled *K*.

What word describes the other angles in Kylie's shape?

A. acute

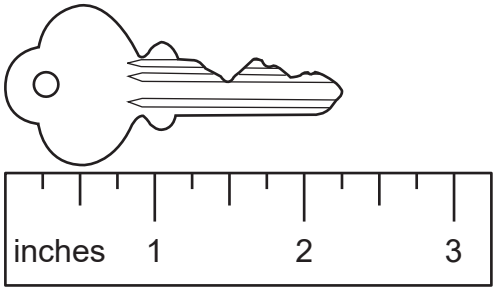
B. open

C. obtuse

D. right

SC READY MATH Sample Item			
		Indicator Alignment	2025 Indicator Alignment - 3.MGSR. 3.1
		Indicator Description	Describe and draw right, acute, obtuse, and straight angles. Identify these angle types in two-dimensional figures including triangles and quadrilaterals.
	17	**Answer Key**	A
		Depth of Knowledge	2
		Estimated Difficulty	**High Difficulty**

18. A key is shown with a ruler.



What is the length, to the nearest $\frac{1}{4}$ inch, of the key?

A. $1\frac{1}{4}$

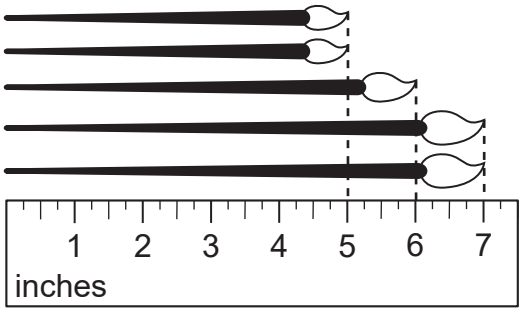
B. $1\frac{3}{4}$

C. $2\frac{1}{4}$

D. $2\frac{1}{2}$

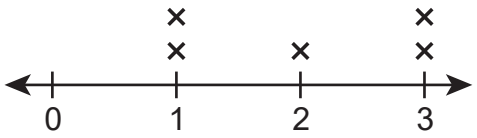
SC READY MATH Sample Item		
18	**Indicator Alignment**	3.MDA.4 (Does Not Align to a 2025 3rd Grade Indicator)
	Indicator Description	Generate data by measuring length to the nearest inch, half-inch and quarter-inch and organize the data in a line plot using a horizontal scale marked off in appropriate units.
	Answer Key	C
	Depth of Knowledge	1
	Estimated Difficulty	**Medium Difficulty**

19. Five paintbrushes are shown with a ruler.



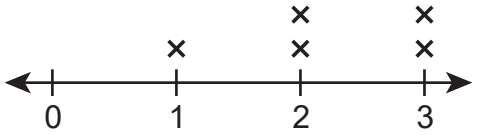
Which line plot correctly shows the lengths of the paintbrushes?

A.



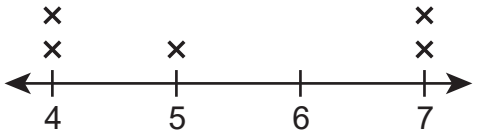
Lengths of Paintbrushes in Inches

B.



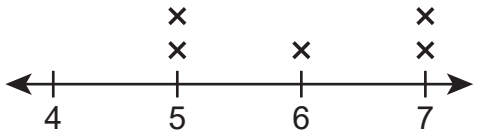
Lengths of Paintbrushes in Inches

C.



Lengths of Paintbrushes in Inches

D.



Lengths of Paintbrushes in Inches

Item Information on following page ☞

SC READY MATH Sample Item

19

Indicator Alignment	2025 Indicator Alignment - 3.DPSR.1.1
Indicator Description	Collect and organize categorical and numerical data based on observations, surveys, experiments, and investigations with whole number values using tables, scaled picture graphs, scaled bar graphs, or dot plots. Use titles and labels. Limit scales to multiples of 1, 2, 5, and 10.
Answer Key	D
Depth of Knowledge	3
Estimated Difficulty	**Low Difficulty**

20. Ms. Jenkins sews along the perimeter of a rug. The rug is shown with the measurement of its length labeled.

The perimeter of the rug is 26 feet.

What is the width, in feet, of the rug?

A. 5

B. 9

C. 18

D. 40

SC READY MATH Sample Item

20

Indicator Alignment	3.MDA.6 (Does Not Align to a 2025 3rd Grade Indicator)
Indicator Description	Solve real-world and mathematical problems involving perimeters of polygons, including finding the perimeter given the side lengths, finding an unknown side length, and exhibiting rectangles with the same perimeter and different areas or with the same area and different perimeters.
Answer Key	A
Depth of Knowledge	3
Estimated Difficulty	**High Difficulty**