

Math GOALS 2 Sample Items

Levels A-E

Reader Script for Administering Sample Test Questions to Test Takers who are Visually Impaired/Blind

For best practices in testing procedures for test takers with vision impairment/blindness, test proctors/readers/scribes should go to <https://www.ets.org/disabilities/resources/> to download *the ETS Guidelines for a Test Reader* and *the ETS Guidelines for a Scribe* prior to administering a test. These resources include specific instructions for a Reader/Scribe and may be used with permission from Educational Testing Services (ETS). For example, in the test form scripts in this document, when the letters or numbers have spaces, the reader is meant to read those individually. For example, “1 0” should be read as “one zero” not “ten.” Refer to the ETS Guidelines for a Test Reader and the ETS Guidelines for a Scribe, as needed.

There are some questions that would require the use of a tactile graphic. During a CASAS test administration, the test taker would have the tactile graphic booklet available as part of the Accommodations Materials for Test Takers with Visual Impairment/Blindness and a screen reader or human reader script would refer the test taker to the tactile graphics booklet.

For these sample items, this script indicates when to skip those questions.

Math GOALS 2 Sample Items

Level A

CASAS Math GOALS 2 Level A Sample Items
Script for Reader

Please read aloud:

I am going to read the directions for the CASAS Math GOALS 2 Level A Sample Questions. I will read the prompt, the question, and the answer set as many times as needed. After I have read the answer options, you can tell me what the answer is. I will confirm your answer and record it.

There are 8 questions. Let me know if I need to pause between questions.

Practice Number	Prompt	Practice Question	Answer Set
This next prompt is for Practice number 1.	Karen saved \$44 last month. This month she saved \$37.	Practice 1. How much has Karen saved in total?	A. \$71 B. \$78 C. \$81 D. \$88
	Skip this sample question. If this were a CASAS test form, the test taker would be referred to the tactile graphics booklet for this question.		

Is the answer A, B, C, or D?

C is the correct answer.

This is the end of the practice.

Let's begin the sample test.

Question Number	Prompt	Test Question	Answer Set
Number 1	A chart shows the number of lunch orders. Pizza, 15. Sandwiches, 5. Salads, 10.	Number 1. How many total lunch orders are there?	A. 25 B. 30 C. 35 D. 75
Number 2	Josie had 8 cookies. She ate some cookies after dinner. Now she has 5 cookies left.	Number 2. How many cookies did Josie eat?	A. 3 B. 4 C. 5 D. 6
Number 3	Skip this sample question. If this were a CASAS test form, the test taker would be referred to the tactile graphics booklet for this question.		
Number 4	A table titled Harrison Elementary Second Grade Classrooms is shown. The table has two columns and four rows. The first column heading is Teacher, the second column heading is Number of Students. First row: Mr. Winston; 19 students. Second row: Miss Lee; 17 students. Third row: Mr. Chan; 22 students. Fourth row: Mrs. O'Connor; 23 students.	Number 4. Which classroom has the italics <i>most</i> italics end students?	A. Mr. Winston's class B. Ms. Lee's class C. Mr. Chan's class D. Mrs. O'Connor's class
Number 5	A preschool teacher wants to put the same number of toys in each toy box. There are 20 toys and 4 toy boxes.	Number 5. How many toys should the teacher put in each toy box?	A. 4 B. 5 C. 6

Question Number	Prompt	Test Question	Answer Set
			D. 7
Number 6	Nicole is planting a vegetable garden. The garden will have 8 equal parts. In each part, Nicole will plant 1 tomato plant and 4 onion plants.	Number 6. How many total plants will Nicole have in her garden?	A. 5 B. 8 C. 32 D. 40
Number 7	Rainbow Daycare serves 64 ounces of juice each day. 1 gallon = 128 ounces	Number 7. How many days will 1 gallon of juice last at the daycare?	A. 1 day B. 2 days C. 3 days D. 4 days
Number 8	Skip this sample question. If this were a CASAS test form, the test taker would be referred to the tactile graphics booklet for this question.		

This is the end of the sample test.

Math GOALS 2 Sample Items

Level B

CASAS Math GOALS 2 Level B Sample Items
Script for Reader

Please read aloud:

I am going to read the directions for the Math GOALS 2 Level B Sample Questions. I will read the prompt, the question, and the answer set as many times as needed. After I have read the answer options, you can tell me what the answer is. I will confirm your answer and record it.

There are 8 questions. Let me know if I need to pause between questions.

Practice Number	Prompt	Practice Question	Answer Set
This next prompt is for Practice 1.	Salwa works from 7 a.m. to 4 p.m. Her work schedule is shown. 7 a.m. to 10 a.m. blank. 10 a.m. to 10:15 a.m. break. 10:15 to 12 blank. 12 to 1 p.m. lunch break. 1 to 3 p.m. blank. 3 to 3:15 Break. 3:15 to 4 blank.	Practice number 1. How long will Salwa work before her first break?	A. 1 hour B. 3 hours C. 5 hours D. 9 hours

Is the answer A, B, C, or D?

B is the correct answer.

This next prompt is for Practice 2.	Miguel had \$90. He spent \$55 at the supermarket and \$15 at the pharmacy.	Practice number 2. How much money does Miguel have left?	A. \$20 B. \$25 C. \$30 D. \$35
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Is the answer A, B, C, or D?

A is the correct answer.

This is the end of the practice.

Let's begin the sample test.

Question Number	Prompt	Test Question	Answer Set
Number 1	A preschool teacher wants to put the same number of toys in each toy box. There are 20 toys and 4 toy boxes.	Number 1. How many toys should the teacher put in each toy box?	A. 4 B. 5 C. 6 D. 7
Number 2	Nicole is planting a vegetable garden. The garden will have 8 equal parts. In each part, Nicole will plant 1 tomato plant and 4 onion plants.	Number 2. How many total plants will Nicole have in her garden?	A. 5 B. 8 C. 32 D. 40
Number 3	Rainbow Daycare serves 64 ounces of juice each day. 1 gallon = 128 ounces	Number 3. How many days will 1 gallon of juice last at the daycare?	A. 1 day B. 2 days C. 3 days D. 4 days
Number 4	Skip this sample question. If this were a CASAS test form, the test taker would be referred to the tactile graphics booklet for this question		
Number 5	Marco likes to exercise. He does push ups every day. He can do 40 push ups in a minute.	Number 5. If Marco keeps the same rate, how many push ups could he do in one and one half minutes?	A. 60 B. 70 C. 80 D. 90
Number 6	At Coney's Ice Cream shop, 3 times as many customers bought ice cream today compared to yesterday. y = number of customers yesterday	Number 6. Which expression represents how many customers bought ice cream today?	A. 3 y B. fraction y over 3 C. 3 plus y D. y minus 3

Question Number	Prompt	Test Question	Answer Set
Number 7	<p>A table is shown. The tabletop is round and measures 5 feet from one edge to the other.</p> <p>Area of Circle = πr^2 r = radius</p>	Number 7. What is the approximate area of the table surface?	<p>A. 16 square feet B. 20 square feet C. 25 square feet D. 79 square feet</p>
Number 8	Skip this sample question. If this were a CASAS test form, the test taker would be referred to the tactile graphics booklet for this question.		

This is the end of the sample test.

Math GOALS 2 Sample Items

Level C

CASAS Math GOALS 2 Level C Sample Items
Script for Reader

Please read aloud:

I am going to read the directions for the CASAS Math GOALS 2 Level C Sample Questions. I will read the prompt, the question, and the answer set as many times as needed. After I have read the answer options, you can tell me what the answer is. I will confirm your answer and record it.

There are 8 questions. Let me know if I need to pause between questions.

Practice Number	Prompt	Practice Question	Answer Set
	Skip this practice sample question. If this were a CASAS test form, the test taker would be referred to the tactile graphics booklet for this question		
This next prompt is for Practice number 1.	Tia bought 3 pizzas. She tipped the delivery driver \$8. Tia paid \$59 in total. p = the price of one pizza.	Practice number 1. Which equation represents the total cost to buy the pizzas?	A. $3p - 8 = 59$ B. $3p + 8 = 59$ C. $8p - 3 = 59$ D. $8p + 3 = 59$

Is the answer A, B, C, or D?

B is the correct answer.

This is the end of the practice.

Let's begin the sample test.

Question Number	Prompt	Test Question	Answer Set
Number 1	Marco likes to exercise. He does push ups every day. He can do 40 push ups in a minute.	Number 1. If Marco keeps the same rate, how many push ups could he do in one and one half minutes?	A. 60 B. 70 C. 80 D. 90
Number 2	At Coney's Ice Cream shop, 3 times as many customers bought ice cream today compared to yesterday. y = number of customers yesterday	Number 2. Which expression represents how many customers bought ice cream today?	A. $3y$ B. fraction y over 3 C. 3 plus y C. y minus 3
Number 3	A table is shown. The tabletop is round and measures 5 feet from one edge to the other. Area of Circle = πr^2 r = radius	Number 3. What is the approximate area of the table surface?	A. 16 square feet B. 20 square feet C. 25 square feet D. 79 square feet
Number 4	Skip this sample question. If this were a CASAS test form, the test taker would be referred to the tactile graphics booklet for this question.		
Number 5	A price tag is shown and reads, Original Price: 125 dollars. Sale Price: 50 dollars.	Number 5. What percent is the sale price discount?	A. 40 percent off B. 60 percent off C. 66 percent off D. 75 percent off

Question Number	Prompt	Test Question	Answer Set
Number 6	<p>Jeremy needs a taxi. His trip is 13 miles</p> <p>A chart is shown. The chart has three columns and four rows.</p> <p>The first column heading is Taxi Company, the second column heading is Initial Fee, the third column heading is Per-mile Cost.</p> <p>First row: Company A; Initial Fee, 5 dollars; Per-mile Cost, 3 dollars and 50 cents. Second row: Company B; Initial Fee, 8 dollars; Per-mile Cost, 2 dollars and 50 cents. Third row: Company C; Initial Fee, 3 dollars; Per-mile Cost, 5 dollars and 50 cents. Fourth row: Company D; Initial Fee, 10 dollars; Per-mile Cost, 4 dollars and 50 cents.</p>	<p>Number 6. What taxi company is the <i>most</i> expensive for Jeremy's trip?</p>	<p>A. Company A B. Company B C. Company C D. Company D</p>
Number 7	<p>Skip this sample question. If this were a CASAS test form, the test taker would be referred to the tactile graphics booklet for this question.</p>		
Number 8	<p>Amy sells bread at her Bakery. A table is shown. Two columns are labeled Bread and Price. Wheat 3 dollars and 99 cents. Sourdough 4 dollars and 99 cents. White 4 dollars and 19 cents. Rye 4 dollars and 19 cents.</p>	<p>Number 8. What is the mean price of bread at the bakery?</p>	<p>A. \$4.19 B. \$4.25 C. \$4.34 D. \$4.49</p>

This is the end of the sample test.

Math GOALS 2 Sample Items

Level D

CASAS Math GOALS 2 Level D Sample Items
Script for Reader

Please read aloud:

I am going to read the directions for the CASAS Math GOALS 2 Level D Sample Questions. I will read the prompt, the question, and the answer set as many times as needed. After I have read the answer options, you can tell me what the answer is. I will confirm your answer and record it.

There are 8 questions. Let me know if I need to pause between questions.

Practice Number	Prompt	Practice Question	Answer Set
This next prompt is for Practice 1.	Carl is writing a paper for school. He wrote 10 pages in 4 days.	Practice number 1. What is Carl’s average rate of writing per day?	A. 2.5 pages per day B. 3.5 pages per day C. 4 pages per day D. 10 pages per day

Is the answer A, B, C, or D?

A is the correct answer.

This next prompt is for Practice 2.	Karina’s son is celebrating his birthday. He is inviting 4 friends to the movies. The movie tickets for the 5 children cost \$55. The snacks cost \$25. 5 movie tickets cost \$55 5 movie snacks cost \$25	Practice Number 2. How much is the total cost of a movie ticket and snack for each child?	A. \$5 per child B. \$11 per child C. \$16 per child D. \$25 per child
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Is the answer A, B, C, or D?

C is the correct answer.

This is the end of the practice.

Let's begin the sample test.

Question Number	Prompt	Test Question	Answer Set
Number 1	<p>A price tag is shown and reads, Original Price: 125 dollars. Sale Price: 50 dollars.</p>	<p>Number 5. What percent is the sale price discount?</p>	<p>A. 40 percent off B. 60 percent off C. 66 percent off D. 75 percent off</p>
Number 2	<p>Jeremy needs a taxi. His trip is 13 miles A chart is shown. The chart has three columns and four rows. The first column heading is Taxi Company, the second column heading is Initial Fee, the third column heading is Per-mile Cost. First row: Company A; Initial Fee, 5 dollars; Per-mile Cost, 3 dollars and 50 cents. Second row: Company B; Initial Fee, 8 dollars; Per-mile Cost, 2 dollars and 50 cents. Third row: Company C; Initial Fee, 3 dollars; Per-mile Cost, 5 dollars and 50 cents. Fourth row: Company D; Initial Fee, 10 dollars; Per-mile Cost, 4 dollars and 50 cents.</p>	<p>Number 2. What taxi company is the most expensive for Jeremy's trip?</p>	<p>A. Company A B. Company B C. Company C D. Company D</p>
Number 3	<p>Skip this sample question. If this were a CASAS test form, the test taker would be referred to the tactile graphics booklet for this question.</p>		

Question Number	Prompt	Test Question	Answer Set
Number 4	Amy sells bread at her Bakery. A table is shown. Two columns are labeled Bread and Price. Wheat 3 dollars and 99 cents. Sourdough 4 dollars and 99 cents. White 4 dollars and 19 cents. Rye 4 dollars and 19 cents.	Number 4. What is the mean price of bread at the bakery?	A. \$4.19 B. \$4.25 C. \$4.34 D. \$4.49
Number 5	Ricky wants to go biking and kayaking with his wife and 2 children. He will rent bikes for the entire family for 1 hour each. He will also rent kayaks for each person for 2 hours. He has a coupon for the rentals. The coupon reads Red Ridge Rentals. Summer Special Coupon. Take 20 percent off the total cost! Bike rentals: 5 dollars each hour. Kayak rentals: 12 dollars each hour.	Number 5. How much will Ricky pay in total?	\$76.80 \$92.80 \$96.00 \$116.00
Number 6	The community pool had an event to raise money. The price to go in the pool was 6 dollars for adults, and 2 dollars for students. 220 people went in the pool. The event raised 720 dollars.	Number 6. How many adults went in the pool?	A. 50 B. 70 C. 120 D. 150
Number 7	Skip this sample question. If this were a CASAS test form, the test taker would be referred to the tactile graphics booklet for this question.		
Number 8	Josh rolls a six-sided die. The first time he rolls the die, he gets a 6.	Number 8. What is the approximate probability Josh will get a 5 or higher on his second roll?	A. one sixth B. one third C. two thirds D. five sixths

This is the end of the sample test.

Math GOALS 2 Sample Items

Level E

CASAS Math GOALS 2 Level E Sample Items
Script for Reader

Please read aloud:

I am going to read the directions for the CASAS Math GOALS 2 Level E Sample Questions. I will read the prompt, the question, and the answer set as many times as needed. After I have read the answer options, you can tell me what the answer is. I will confirm your answer and record it.

There are 8 questions. Let me know if I need to pause between questions.

Practice Number	Prompt	Practice Question	Answer Set
This next prompt is for Practice 1.	<p>A chart titled Patient Name: Martin Long is shown. The chart has five columns and four rows. The first column heading is Date, the second column heading is Description, the third column heading is Charge, the fourth column heading is Insurance Payment, the fifth column heading is Patient Owes.</p> <p>Total due, blank dollars. First row: Date 3/07; Description, Physical Therapy; Charge, 254 dollars; Insurance Payment, negative 254 dollars; Patient Owes blank. Second row: Date 3/14; Description, Physical Therapy; Charge, 245 dollars; Insurance Payment, negative 233 dollars; Patient Owes blank. Third row: Date 3/21; Description, Physical Therapy; Charge, 245 dollars; Insurance Payment, negative 148 dollars; Patient Owes blank. Fourth row: Date 3/28; Description, Physical Therapy; Charge, 237 dollars; Insurance Payment, negative 157 dollars and 13 cents; Patient Owes blank.</p>	Practice Question 1. What is the total amount that Martin needs to pay?	<p>A. \$148.00 B. \$188.87 C. \$792.13 D. \$981.00</p>

Is the answer A, B, C, or D?

B is the correct answer.

Practice Number	Prompt	Practice Question	Answer Set
	Skip this sample question. If this were a CASAS test form, the test taker would be referred to the tactile graphics booklet for this question.		

This is the end of the practice.

Let's begin the sample test.

Question Number	Prompt	Test Question	Answer Set
Number 1	Ricky wants to go biking and kayaking with his wife and 2 children. He will rent bikes for the entire family for 1 hour each. He will also rent kayaks for each person for 2 hours. He has a coupon for the rentals. The coupon reads Red Ridge Rentals. Summer Special Coupon. Take 20 percent off the total cost! Bike rentals: 5 dollars each hour. Kayak rentals: 12 dollars each hour.	Number 1. How much will Ricky pay in total?	\$76.80 \$92.80 \$96.00 \$116.00
Number 2	The community pool had an event to raise money. The price to go in the pool was 6 dollars for adults, and 2 dollars for students. 220 people went in the pool. The event raised 720 dollars.	Number 2. How many adults went in the pool?	A. 50 B. 70 C. 120 D. 150
Number 3	Skip this sample question. If this were a CASAS test form, the test taker would be referred to the tactile graphics booklet for this question.		
Number 4	Josh rolls a six-sided die. The first time he rolls the die, he gets a 6.	Number 4. What is the approximate probability Josh will get a 5 or higher on his second roll?	A. one sixth B. one third C. two thirds D. five sixths
Number 5	The square root of $2x + 6$, that whole quantity, minus 4 equals 0	Number 5. What is the value of x in this equation?	A. negative 11 B. negative 1 C. 5 D. 6

<p>Number 6</p>	<p>Open parenthesis 2 x cubed plus x squared plus 4 x minus 6 close parenthesis, plus, open parenthesis 2 x squared plus 3 x plus 3 close parenthesis, equals</p>	<p>Number 6.</p>	<p>A. 4 x raised to the fifth power plus x squared plus 12 x minus 18 B. 2 x cubed plus 2 x squared plus 7 x plus 9 C. 2 x cubed plus 3 x squared plus 7 x minus 3 D. x cubed plus 6 x squared plus x minus 3</p>
<p>Number 7</p>	<p>Skip this sample question. If this were a CASAS test form, the test taker would be referred to the tactile graphics booklet for this question.</p>		
<p>Number 8</p>	<p>Skip this sample question. If this were a CASAS test form, the test taker would be referred to the tactile graphics booklet for this question.</p>		

This is the end of the sample test.