



Algebra 2 Readiness Fall Screening Packet

*Algebra 2 readiness is measured using end-of-year benchmarks
selected from Algebra 1 content standards.*

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Preparation for Readiness Screening

A. Teacher Account Preparation for Online Screening *(Video support is available.)*

1. **Verify** how your students will get to inqwizit.oaisd.org. (*Internet Explorer is not recommended.*)


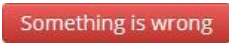
2. **Sign in** using your teacher username and password.

Username: _____ Password: _____

3. **Write** the name of the course to be screened in the empty box on page 8 of the script.

4. Click on the name of the course. *(Right side of screen, under **MY INACTIVE COURSES**)*



5. Please **verify** the student roster for this course (if prompted).

- If the roster is **correct**, select 
- If the roster is **not correct**, select . Then, ask your building administrator to add the student(s) to the course.

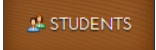
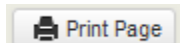
6. **Subscribe** the course to Delta Math.

- Click Subscribe for the available Delta Math screening cycle. *(Right side of screen, Under **AVAILABLE PROGRAMS**)*


7. **Assign & View** a readiness screener to the course and make it **available** to students.

- Click Assign & View for a grade level readiness screener.
- Change the availability from  to .

8. **Print** the course list that includes each student username and password.


- Click the  tab. *(Top of screen)*
- Click on the name of the course. *(Right side of screen)*
- Click .

Option: Create a Course PIN to help all students in the class to sign in using a common PIN.


- Click the  tab. *(Top of screen)*
- Click Course PIN: Set PIN
- Set the PIN for the class. *(This PIN will only be active for the date you choose.)*


Note: To add additional screeners, click on the class name from the Dashboard and repeat step 6.

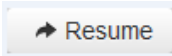

B. Access to the Student Dashboard

- a. Click on the student's name to return to the dashboard.
- b. Choose the correct screener.
- c. Click  .

C. Sign Out and Resume a Student Screener

- a. Click  to end a screener that needs to be completed at a later time.

Note: Do not click  ...screeners cannot be resumed after they have been turned in.

- b. The next time a student signs in, click  and  .

Note: Each screener will resume on the question the student was on when he/she signed out.

D. Script Notes

1. Additional helpers can sign in each student prior to the group entering the computer lab using a Course PIN.
2. Say what is in bold text and do what is in italicized text.
3. Include an appropriate pause at the end of each statement.
4. Provide the recommended wait time for each problem. To maintain a calm environment, if the recommended wait time elapses and a student is finishing up a problem, you may provide up to 15 extra seconds before asking the group to click to the next problem.
5. Students will be directed to write and solve longer computational problems on work paper. (See question 10 on page 11 and Delta Math work paper on pages 16-19.)
6. Proficiency with the math facts is measured online with questions 13 and 14. The benchmark for demonstrating proficiency is 10 or more correct in 1 minute 30 seconds.

E. Materials Checklist for Online Screening

Student Usernames and Passwords (<i>Or, an active Course PIN</i>)	Yes <input type="checkbox"/>
Online Screening Script	Yes <input type="checkbox"/>
Timer to track recommended wait time	Yes <input type="checkbox"/>
Delta Math Work Paper (2 Sheets: Front and Back)	Yes <input type="checkbox"/>
Pencils	Yes <input type="checkbox"/>

Script for Online Readiness Screening

(Total Time: 30 minutes)

Verify that all students are online at <https://inqwizit.oaisd.org>

- Note: Skip steps 1-2 if students were signed in ahead of time using a Course PIN.

1. Click in each box to enter your username and password.

(Look for hands.)

2. Click SIGN IN. Raise your hand if you need help with your username or password.

(Look for hands.)

Look in the upper right part of your screen. If you see the word “Change” make sure you see our school district. If it is not our school district click on CHANGE and choose our school district.

On the right side of the screen click on the name of our course...



(Look for hands.)

Click START for the Fall – Algebra 2 readiness screener, then stop and listen for directions.

This readiness screener will help me see what you understand so I can plan my teaching.

Do not move ahead of the whole group. After I read each question, you will be given time to complete it.

Once you move to the next question, please do not go back.

For multiple choice questions, if you don't see your answer, please do not choose one.

If you click SIGN OUT or TURN IN without being asked, click CANCEL to continue this screener.

Take a deep breath, relax and try your best!

Click BEGIN.

Question 1...*(Look for hands.)*

Use the graph to find the x -coordinate of the solution to the system of equations.

Then, type the answer in the box.

(Wait 2 minutes.)

Click NEXT.

Question 2...*(Look for hands.)*

Write the system of equations on your work paper and find the solution.

Then, type the y -coordinate in the empty box.

(Wait 2 minutes.)

Click NEXT.

Question 3...*(Look for hands.)*

Write the system of equations on your work paper and find the solution.

Then, type the x -coordinate in the empty box.

(Wait 2 minutes.)

Click NEXT.

Question 4...*(Look for hands.)*

The area model below represents the expression x squared plus $4x$ plus

3. Choose the two factors of the expression.

(Wait 1 minute.)

Click **NEXT**.

Question 5...*(Look for hands.)*

Choose the two factors of the expression x squared plus x minus 6.

(Wait 2 minutes.)

Click **NEXT**.

Question 6...*(Look for hands.)*

Choose the two zeros of the function f of x is equal to x squared plus $7x$ plus 12.

(Wait 2 minutes.)

Question 7...*(Look for hands.)*

Use the graph to find the value of f of negative 2.

Then, click your answer.

(Wait 1 minute 15 seconds.)

Click **NEXT**.

Question 8...*(Look for hands.)*

For the function g of x is equal to x plus 3, find the value of g of negative 1.

Then, type your answer in the box.

(Wait 1 minute 30 seconds.)

Click **NEXT**.

Question 9...*(Look for hands.)*

For the function h of x is equals to x squared plus 4, find the value of h of 5.

Then, type your answer in the box.

(Wait 1 minute 30 seconds.)

Click **NEXT**.

Question 10...*(Look for hands.)*

Given the function of $f(x)$ provided in the table, choose the answer choice in the drop down list that makes the statement true.

(Wait 1 minute 30 seconds.)

Click **NEXT**.

Question 11...*(Look for hands.)*

Given the function of $g(x)$ provided in the table, choose the answer choice in the drop down list that makes the statement true.

(Wait 1 minute 30 seconds.)

Click **NEXT**.

Question 12...*(Look for hands.)*

Select all of the linear functions.

(Wait 1 minute.)

Click **NEXT**.

Question 13...*(Look for hands.)*

The function f of x is equal to negative $2x$ minus 4 could be represented by which graph? Select one answer choice.

(Wait 1 minute.)

Click **NEXT**.

Question 14...*(Look for hands.)*

The function g of x is equal to x squared plus 1 could be represented by which graph? Select one answer choice.

(Wait 1 minute.)

Click **NEXT**.

Question 15...*(Look for hands.)*

The function h of x is equal to the quantity x plus 3 squared minus 5 could be represented by which graph? Select one answer choice.

(Wait 1 minute 15 seconds.)

Click **TURN IN** and then click **TURN IN** again to save your answers.

This math screener is now finished, thank you for trying your best!

Please click **SIGN OUT** to end this session.

Script for Online Readiness Screening (Option 2)

(Total Time: 30 minutes)

Verify that all students are online at <https://inqwizit.oaisd.org>

- Note: Skip steps 1-2 if students were signed in ahead of time using a Course PIN.

1. Click in each box to enter your username and password.

(Look for hands.)

2. Click SIGN IN. Raise your hand if you need help with your username or password.

(Look for hands.)

Look in the upper right portion of your screen. If you see the word “Change” make sure you see our school district. If it is not our school district click on CHANGE and choose our school district.

On the right side of the screen click on the name of our course...



(Look for hands.)

Click START for the Fall – Algebra 2 readiness screener, then stop and listen for directions.

This readiness screener will help me see what you understand so I can plan my teaching.

You will have 30 minutes to work at your own pace and complete this readiness screener.

Please show your work on the Delta Math work paper for each longer computational question.

For multiple choice questions, if you don't see your answer, please do not choose one.

If you click SIGN OUT or TURN IN without being asked, click CANCEL to continue this readiness screener.

When you are finished, click TURN IN and then click TURN IN again to save your answers. Your screen should read, “Thank you for trying your best!”

Then, put your pencil down and wait for further instructions.

Take a deep breath, relax and try your best!

Click BEGIN.



Work Paper

Name: _____

A large, empty coordinate plane grid consisting of a vertical y-axis and two horizontal x-axes, creating four quadrants. The axes are solid black lines that intersect at the center of the page.



Work Paper

Name: _____

A large coordinate plane grid consisting of a vertical y-axis and two horizontal x-axes. The vertical axis runs from the top to the bottom of the page, and the two horizontal axes are positioned roughly in the upper and lower halves of the page, intersecting the vertical axis at its midpoint.



Work Paper

Name: _____



Work Paper

Name: _____
