



# Algebra 1 Readiness: Summer Pre-Assessment

## Script for Paper-based Screener

*(Total Time ≈ 20 minutes)*

**Why?** To measure each student's readiness to learn for the next grade level.

**How?** Screen all students and record scores into the Course Overview report.

### Teacher Notes:

- Verify that students are ready to screen with a pencil, readiness screener and blank sheet of paper.
- In the Screening Script, say what is in bold text and do what is in italicized text.
- Include an appropriate pause at the end of each statement.
- Provide the recommended wait time for each group of questions in this Screening Script.
  - If a student is finishing up a problem, you may provide up to 15 extra seconds before asking the group to stop and turn to the next page. We do not want to provide too much time where a student can meet the benchmark using inefficient strategies.

### Screening Script:

**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 the directions for each page,  
you will be given time to complete all three questions.**

*(Recommended time is provided with each question...please don't read these aloud)*

**After you answer each question, use the blank paper to cover your answers.**

**Once we move to the next page, do not go back.**

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

**Take a deep breath, relax and try your best!**



# Algebra 1 Readiness: Summer Pre-Assessment

*(Continued)*

## Questions 1, 2, and 3

Solve the equation and write your answer on the line.

As you complete each question, please use the blank sheet of paper to cover your answers.

You may begin.

*(Wait 3 minutes.)*

If you are still working, please stop...I would like everyone to turn to the next page.

## Questions 4, 5, and 6

Determine the number of solutions to the equation and shade the bubble next to your answer.

Please use the blank sheet of paper to cover your answers.

You may begin.

*(Wait 2 minutes.)*

If you are still working, please stop...I would like everyone to turn to the next page.

## Questions 7, 8, and 9

Calculate the missing values and write them in the empty boxes to complete the equation of the line.

You may begin.

*(Wait 2 minutes, 30 seconds.)*



# Algebra 1 Readiness: Summer Pre-Assessment

*(Continued)*

**Please stop and turn to the next page.**

**Questions 10, 11, 12**

*(Look for hands.)*

**Find the equivalent expression, then shade the bubble next to your answer.**

**You may begin.**

*(Wait 1 minute, 30 seconds.)*

**Please stop and turn to the next page.**

**Questions 13, 14, 15**

*(Look for hands.)*

**Find the solution to each non-linear equation and shade the bubble next to your answer if you see it. You may begin.**

*(Wait 1 minute, 30 seconds.)*

**Please stop and put your pencil down.**

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

**Make sure your name is on the first page of your packet and I will collect it.**

Turn to the next page for your Next Steps to support and measure the impact of summer instruction.



# Recommended Next Steps for Providing Summer Instruction for Algebra 1 Readiness

## After screening students for readiness:

- Collect the readiness screener from each student.
- Record the number of correct answers at the bottom of each page.
- Build a Course Overview Report.
  - Open the Excel Spreadsheet called, [Course Overview Report](#).
  - Select [Algebra 1 Readiness](#) near the bottom of the page.
  - Enter the [Number Correct](#) for each page.
    - Cells will turn green for students who met or exceeded the benchmark.
    - Cells will turn red for students who did not meet the benchmark.
      - For most readiness standards, the benchmark is 2 out of 3 correct.
- Decide how summer instruction will be provided.
  - For summer school, instruction can be provided to the whole group...including students who met the benchmark for individual readiness standards.
  - Summer instruction may be customized by creating small groups for targeted instruction based on the Course Overview report.
- Create a sequence for providing summer instruction.
  - Schedule four 30 minute sessions for each readiness standard, beginning with RS1 - 8.EE.7b.
  - Summer instruction may be customized by focusing on the readiness standards that had a majority of the students not meet the benchmark.
- Provide summer instruction that follows evidence-based recommendations from the Institute of Education Sciences that include: Explicit instruction that is systematic, visual representations of mathematical ideas, progress monitoring, motivational strategies such as personal goal setting.
  - [Support Video of the Delta Math Tier 2 Intervention Cycle](#)
  - [Delta Math Tier 2 Intervention Resources](#)
- *A sample daily scope and sequence is provided on the next page.*



# Sample Scope and Sequence for Summer School

## Using Paper-based Screeners

(14 days and ≈ 60 minutes per day)

Day	Daily Goal/Learning Target	Tier 2 Lessons	Tier 3 Lessons
1	<ul style="list-style-type: none"> <li>Discuss the purpose of the Delta Math screener               <ul style="list-style-type: none"> <li>Screen students using the <b>Summer Pre-Assessment</b> for the grade level they are entering in the fall.</li> </ul> </li> </ul> After <ul style="list-style-type: none"> <li>Record the number of correct answers at the bottom of each page and enter those scores in the Course Overview report.               <ul style="list-style-type: none"> <li>If possible, celebrate the standards with the majority of students meeting benchmark</li> </ul> </li> </ul>	Pre Assessment  Celebrate  Reflect/Review	Pre Assessment  Celebrate  Reflect/Review
2	Readiness Standard 1	Session 1 – Preview Session 2 – Build	Session 1 – Build Session 3 – Draw
3	Readiness Standard 1	Session 3 – Draw Session 4 – Write	Session 4 – Draw Session 6 – Write
4	Readiness Standard 2	Session 1 – Preview Session 2 – Build	Session 1 – Build Session 3 – Draw
5	Readiness Standard 2	Session 3 – Draw Session 4 – Write	Session 4 – Draw Session 6 – Write
6	Readiness Standard 3	Session 1 – Preview Session 2 – Build	Session 1 – Build Session 3 – Draw
7	Readiness Standard 3	Session 3 – Draw Session 4 – Write	Session 4 – Draw Session 6 – Write
8	Readiness Standard 4	Session 1 – Preview Session 2 – Build	Session 1 – Build Session 3 – Draw
9	Readiness Standard 4	Session 3 – Draw Session 4 – Write	Session 4 – Draw Session 6 – Write
10	Readiness Standard 5	Session 1 – Preview Session 2 – Build	Session 1 – Build Session 3 – Draw
11	Readiness Standard 5	Session 3 – Draw Session 4 – Write	Session 4 – Draw Session 6 – Write
12	Readiness Standard 6 (Not available for 2 <sup>nd</sup> grade, Algebra 1 or Algebra 2 Readiness)	Session 1 – Preview Session 2 – Build	Session 1 – Build Session 3 – Draw
13	Readiness Standard 6 (Not available for 2 <sup>nd</sup> grade, Algebra 1 or Algebra 2 Readiness)	Session 3 – Draw Session 4 – Write	Session 4 – Draw Session 6 – Write
14	<ul style="list-style-type: none"> <li>Discuss the purpose of the Delta Math screener               <ul style="list-style-type: none"> <li>Screen students: <b>Summer Post-Assessment</b></li> </ul> </li> <li>Record the number of correct answers at the bottom of each page and enter those scores in the Course Overview report.               <ul style="list-style-type: none"> <li>Celebrate standards with the greatest impact</li> </ul> </li> </ul>	Post Assessment  Celebrate  Reflect/Review	Post Assessment  Celebrate  Reflect/Review