

# **Paper SRTs**

# **Guide for Educators**

This guide provides educators with information on the <u>paper Student Readiness Tools (SRTs)</u> (PearsonAccess Next > Preparing for Testing > Student Readiness Tools > Paper SRTs) for students preparing to take a paper MCA.

The paper SRTs can be used to familiarize students with the look and feel of a paper MCA, the types of questions on the test, and how to indicate answers to questions. It is important that students understand how to correctly indicate their answers, as district staff must enter student responses into an online data entry form during testing in order for their responses to be scored.

Note: The SRTs are not representative of the grade-level content of the MCAs. The Minnesota Questions Tool (MQT) (Testing 1, 2, 3 > Assess > Released MCA Questions) contains released test questions from past MCAs. Educators can use these test questions to better understand how the MCA is aligned to the Minnesota K–12 Academic Standards, and how the questions are written to reflect the varied rigor and complexity of the standards.

Educators can familiarize themselves with the paper SRTs before using the tools with students. Educators may also use the paper SRTs in conjunction with the <u>online SRTs</u> (PearsonAccess Next > Preparing for Testing > Student Readiness Tools > Online SRTs) to identify the appropriate accommodations for their students.

This guide outlines the various portions of the paper SRTs and how they can be effectively used to prepare students for the MCA.

If you are printing the large print (18- and 24-point) paper SRTs, see the following steps to ensure they print correctly.

- Load 11" x 17" size paper into your printer
- Select 11" x 17" page size within the Printer options on your device
- Print at 100% scale (do not scale to fit page)



#### **Information**

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# **Title Page**

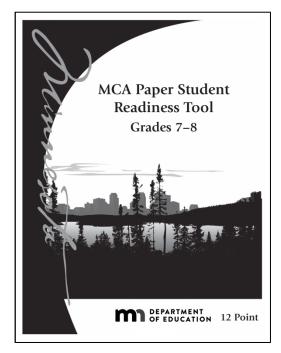
The title page indicates the grade-level grouping and the type of resource.

The paper SRTs are offered in 12-point, 18-point, and 24-point font; braille versions are available to order. SRT scripts for mathematics and science are also available. The braille and SRT scripts include additional information for the test monitor who will use these materials with students.

The paper SRTs are available for the following gradelevel groupings:

- Grades 3–4
- Grades 5–6
- Grades 7–8
- Grade 10 Reading
- Grade 11 Mathematics
- High School Science

#### Sample Screenshot

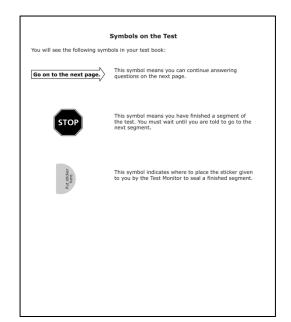


Sample shown: Grades 7-8 MCA Paper SRT

#### Symbols on the Test

The *Symbols on the Test* page is included in all versions of the paper SRT. It provides information about the symbols students will see on the paper MCA.

Educators may take time to discuss these symbols with students and point them out to students as they move through the paper SRT.





#### Information

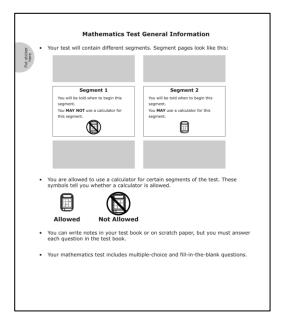
#### **General Information**

A general information page is included for each subject within a grade-level grouping resource. This page includes important information that familiarizes students with the format of the paper MCA and the types of questions they will encounter.

Note: The subjects within each resource vary depending on the grade-level grouping. For example, the grade-level 3–4 resource contains mathematics and reading sections while the grade-level 5–6 resource contains mathematics, reading, and science sections.

Note: Science sections include a disclaimer indicating which students within a grade-level grouping should use the subject section. For example, in the grade-level 7–8 resource, the science section is only applicable to grade 8 students taking the paper MCA.

#### Sample Screenshot



Sample shown: *Mathematics Test General Information* 

# SCIENCE ONLY Grade 5 The following section is used only by 5th graders who will take the Science MCA. Do not use this section unless you are taking the 5th grade Science MCA.

Sample shown: SCIENCE ONLY Grade 5



#### **Information**

### **Sample Questions and Practice Pages**

Each subject section contains a *Sample Question*Answered in Test Book and Practice page. These pages give students the opportunity to view sample test questions and practice answering each type of question they may encounter on the test.

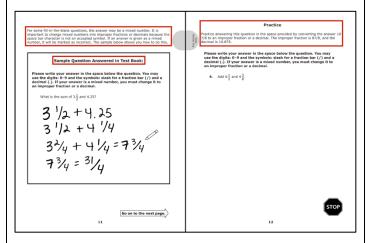
Paper Mathematics and Science MCAs contain various types of questions that require students to input answers differently. The purpose of the sample and practice questions is to show students how to correctly mark their answers for each type of question within a test book, not to practice getting the "right" answer. At the top of each sample question and practice page, an explanation is provided to help guide students on how to correctly indicate an answer.

Educators may practice each question type with students by reviewing the sample question first, having students practice independently, and then reviewing the students' approaches together, practicing again if needed.

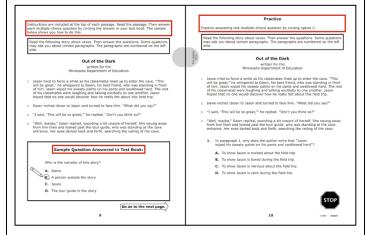
Note: The answers to all practice questions are provided at the top of the page. This ensures that students are able to focus on practicing marking their answer rather than on identifying the correct answer.

For additional tips on using sample questions with students, refer to the *Appendix: Tips for Sample Questions* section of this document.

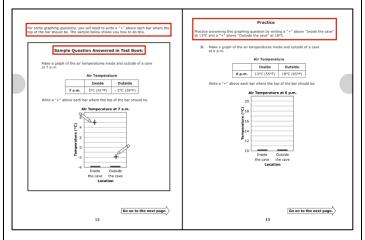
### Sample Screenshot



Sample shown: Grades 5–6 Mathematics 12-point Paper SRT, pages 11–12



Sample shown: Grades 3–4 Reading 12-point Paper SRT, pages 9–10



Sample shown: High School Science 12-point Paper SRT, pages 12–13



# Setting Up the Paper SRTs for Success

The paper SRTs prepare students for testing by familiarizing them with the look and feel of a paper MCA, the types of questions on the test, and how to indicate answers to questions. Ultimately, the goal of the SRTs is to ensure that students feel comfortable and confident taking the test on testing day and know how to indicate responses.

The paper SRTs are:	The paper SRTs are NOT:
<ul> <li>Tools to help educators and students become familiar with the test format and how to indicate answers.</li> <li>Resources for educators to use in a way that best suits their students' needs and instructional goals.</li> </ul>	<ul> <li>High-stakes assessments.</li> <li>Practice or sample tests (The SRTs focus on format rather than on test content).</li> </ul>

# Appendix: Tips for Sample Questions

Best practice for using the paper SRTs with students is at the discretion of the educator and should be tailored to student needs. For example, some educators may choose to practice all subjects with a student in a given day while others may focus on only one subject per day.

The following pages provide additional information on how to best utilize the content within the *Sample Question Answered in Test Book* and *Practice* pages.

## Grades 3–4 Paper SRT

The 3–4 grade-level grouping consists of mathematics and reading sections. The following tables include important information about sample questions and their corresponding practice pages. It is recommended to have the Grades 3–4 Paper SRT available when reviewing this section. Note: Page numbers may vary depending on the font size (12, 18, 24) of the paper SRT being used, as indicated in parentheses in the left column.

#### **Mathematics**

Page Numbers	Sample Question Answered in Test Book	Practice
5–7 (12, 18, & 24)	Shows a multiple-choice question. Educators and students should focus on marking the answer by circling an option.	Educators should allow students to practice circling option B on page 6 and option C on page 7.
		Tips:
		<ul> <li>Students may circle the letter, the text, or both the letter and text of the option.</li> <li>Students should not circle multiple options.</li> </ul>



## Reading

Page Numbers	Sample Question Answered in Test Book	Practice
9–10 (12 & 18) 9–12 (24)	Shows a passage and a multiple-choice question. Educators and students should focus on the format of the passage (including the instructions in the text box at the top of the passage) and on marking the answer by circling an option.	Educators should allow students to read the passage and practice circling option C.  Tips:  Students may circle the letter, the text, or both the letter and text of option.  Students should not circle multiple options.

## Grades 5-6 Paper SRT

The 5–6 grade-level grouping consists of mathematics, reading, and science sections. The following tables include important information about sample questions and their corresponding practice pages. It is recommended to have the Grades 5–6 Paper SRT available when reviewing this section. Note: Page numbers may vary depending on the font size (12, 18, 24) of the paper SRT being used, as indicated in parentheses in the left column.

#### **Mathematics**

Page Numbers	Sample Question Answered in Test Book	Practice
5–7 (12, 18, & 24)	Shows a multiple-choice question. Educators and students should focus on marking the answer by circling an option.	Educators should allow students to practice circling option B on page 6 and option C on page 7.
		Tips:
		<ul> <li>Students may circle the letter, the text, or both the letter and text of the option.</li> <li>Students should not circle multiple options.</li> </ul>
8 (12, 18, & 24)	Shows a fill-in-the-blank question. Educators and students should focus on the importance of using only symbols that are allowed when writing an answer.	N/A
9–10 (12, 18, & 24)	Shows a fill-in-the-blank question with an answer that is a decimal number. Educators and students should focus on the question's bolded instructions, which indicate that a decimal number is one of the accepted	Educators should allow students to practice writing 0.3 in the space provided. <b>Tip:</b> Students can read the bolded instructions again independently in order to better understand the importance of using only
	formats for this type of question.	allowable symbols in their answer.



Page Numbers	Sample Question Answered in Test Book	Practice
11–12 (12, 18, & 24)	Shows a fill-in-the-blank question with a mixed-number answer that is changed into an improper fraction. Educators and students should focus on the question's bolded instructions, which indicate that a mixed number must be converted into an improper fraction or a decimal because a mixed number is <b>not</b> one of the of the accepted formats for this type of question.  Note: 7.75 is also an acceptable answer.	<ul> <li>Educators should allow students to practice converting the mixed-number answer and writing 87/8 or 10.875 in the space provided.</li> <li>Tips:         <ul> <li>Students may read the bolded instructions again independently in order to better understand the importance of changing a mixed number into an improper fraction or a decimal and to better understand the importance of using only allowable symbols in their answer.</li> <li>Students should not use a horizontal fraction bar when inputting the answer.</li> </ul> </li> </ul>

# Reading

Page Numbers	Sample Question Answered in Test Book	Practice
14–15 (12 & 18) 14–17 (24)	Shows a passage and a multiple-choice question. Educators and students should focus on the format of the passage (including the instructions in the text box at the top of the passage) and on marking the answer by circling an option.	<ul> <li>Educators should allow students to read the passage and practice circling option C.</li> <li>Tips: <ul> <li>Students may circle the letter, the text, or both the letter and text of the option.</li> <li>Students should not circle multiple options.</li> </ul> </li> </ul>

# Science

Page Numbers	Sample Question Answered in Test Book	Practice
18-20 (12 & 18) 20-24 (24)	Shows a scenario and two diagram questions in which multiple answers may be circled. Educators and students should focus on the format of a scenario followed by a question(s) and on marking the answers by circling an option(s).	Educators should allow students to read the scenario and practice circling the options Cattails and Leech.  Tips:  Students must clearly circle the option(s).  Students should not draw lines between pictures, make any checkmarks/x-marks, etc., or write down their answer.



Page Numbers	Sample Question Answered in Test Book	Practice
21–22 (12 & 18) 25–27 (24)	Shows a diagram question in which answers must be written into the provided boxes. Educators and students should focus on marking answers by writing label letters within the provided boxes.	Educators should allow students to practice writing letters A, B, and C in the designated boxes.  Tips:
	Educators should explain to students that sometimes boxes may contain more than one letter label. Instructions on whether only one letter or multiple letters are allowed will be explicit within the question. Educators and students should focus on this portion of the sample question.	<ul> <li>Students should focus on writing label letters legibly within the provided boxes.</li> <li>The educator should note that students can write multiple letters in a box (such as BC or B,C) but can only use the letter one time in each box (for example, BB is not allowed).</li> </ul>
23-24 (12 & 18) 28-31 (24)	Shows a graphing question in which answers must be marked directly on the graph using a "+" symbol. Educators and students should focus on the instructions for marking multiple answers on a graph.	Educators should allow students to practice marking two "+" symbols in the designated areas.  Tips:  The educator should encourage students to make clear marks in the designated areas using only the symbol indicated in the instructions.  Students should not circle, draw lines, make any checkmarks/x-marks, etc., or write down their answer for this type of graphing question.
25–26 (12 & 18) 32–33 (24)	Shows a multiple-choice question. Educators and students should focus on marking the answer by circling an option.	Educators should allow students to practice circling option C.  Tips:  Students may circle the letter, the text, or both the letter and text of the option.  Students should not circle multiple options.



## Grades 7-8 Paper SRT

The 7–8 grade-level grouping consists of mathematics, reading, and science sections. The following tables include important information about sample questions and their corresponding practice pages. It is recommended to have the Grades 7–8 Paper SRT available when reviewing this section. Note: Page numbers may vary depending on the font size (12, 18, 24) of the paper SRT being used, as indicated in parentheses in the left column.

#### Mathematics

Page Numbers	Sample Question Answered in Test Book	Practice
5–7 (12, 18, & 24)	Shows a multiple-choice question. Educators and students should focus on marking the answer by circling an option.	Educators should allow students to practice circling option C on page 6 and option C on page 7.
		<ul> <li>Students may circle the letter, the text, or both the letter and text of the option.</li> <li>Students should not circle multiple options.</li> </ul>
8 (12, 18, & 24)	Shows a fill-in-the-blank question. Educators and students should focus on the importance of using only symbols that are allowed when writing an answer.	N/A
9–10 (12, 18, & 24)	Shows a fill-in-the-blank question with an answer that is a negative decimal number. Educators and students should focus on the question's bolded instructions, which indicate that a negative and/or decimal number is one of the accepted formats for this type of question.	Educators should allow students to practice writing –0.32 in the space provided.  Tips:  • Students can read the bolded instructions again independently in order to better understand the importance of using only allowable symbols in their answer.  • Students should practice clearly writing a negative sign in front of a decimal number.



Page Numbers	Sample Question Answered in Test Book	Practice
11-12 (12 & 18) 11-13 (24)	Shows a fill-in-the-blank question with a mixed-number answer that is changed into an improper fraction. Educators and students should focus on the question's bolded instructions, which indicate that a mixed number must be converted into an improper fraction or a decimal because a mixed number is <b>not</b> one of the of the accepted formats for this type of question.  Note: 1.125 is also an acceptable answer.	Educators should allow students to practice converting the mixed-number answer and writing 325/4 or 81.25 in the space provided.  Tips:  • Students may read the bolded instructions again independently in order to better understand the importance of changing a mixed number into an improper fraction or a decimal and to better understand the importance of using only allowable symbols in their answer.  • Students should not use a horizontal fraction bar when inputting the answer.

# Reading

Page Numbers	Sample Question Answered in Test Book	Practice
14–15 (12 & 18) 15–17 (24)	Shows a passage and a multiple-choice question. Educators and students should focus on the format of the passage (including the instructions in the text box at the top of the passage) and on marking the answer by circling an option.	Educators should allow students to read the passage and practice circling option C.  Tips:  • Students may circle the letter, the text, or both the letter and text of the option.  • Students should not circle multiple options.

## Science

Page Numbers	Sample Question Answered in Test Book	Practice
18-20 (12 & 18) 20-25 (24)	Shows a scenario and two diagram questions in which multiple answers may be circled. Educators and students should focus on the format of a scenario followed by a question(s) and on marking the answers by circling an option(s).	Educators should allow students to read the scenario and practice circling the options Moon and Earth.  Tips:  Students must clearly circle the option(s).  Students should not draw lines between options, mark any checkmarks/x-marks, etc., or write down their answer.



Page Numbers	Sample Question Answered in Test Book	Practice
21–22 (12 & 18) 26–29 (24)	Shows a diagram question in which answers must be written into the provided boxes. Educators and students should focus on marking the answers by writing label letters within the provided boxes.	Educators should allow students to practice writing letters A, B, C, and D in the designated boxes.  Tips:  • Students should focus on writing label
	Educators should explain to students that sometimes boxes may contain more than one letter label. Instructions on whether only one letter or multiple letters are allowed will be explicit within the question. Educators and students should focus on this portion of the sample question.	<ul> <li>Students should focus on writing label letters legibly within the provided boxes.</li> <li>The educator should note that students can write multiple letters in a box (such as BCD or B,C,D) but can only use the letter one time in each box (for example, BBB is not allowed).</li> </ul>
23-24 (12 & 18) 30-33 (24)	Shows a graphing question in which answers must be marked directly on the graph using a "+" symbol. Educators and students should focus on the instructions for marking	Educators should allow students to practice marking two "+" symbols in the designated areas.
	multiple answers on a graph.	<ul> <li>Tips:         <ul> <li>The educator should encourage students to make clear marks in the designated areas using only the symbol indicated in the instructions.</li> <li>Students should not circle, draw lines, mark any checkmarks/x-marks, etc., or write down their answer for this type of graphing question.</li> </ul> </li> </ul>
25-27 (12 & 18) 34-38 (24)	Shows a scenario with a fill-in-the-blank question. Educators and students should focus on the importance of using only the symbols and characters listed within the question directions (for example, "Your answer cannot be more than 5 digits") as well as on permissible tools such as a handheld calculator.	Educators should allow students to read the scenario and practice writing 5924 in the box provided.  Tips:  • Students should write their response without a comma (5924) as commas are not allowed during data entry, which is completed by designated staff during the testing window.  • Students should practice writing legibly within the box using only up to 5 digits.
28-29 (12 & 18) 39-40 (24)	Shows a multiple-choice question. Educators and students should focus on marking the answer by circling an option.	Educators should allow students to practice circling option C.  Tips:  Students may circle the letter, the text, or both the letter and text of the option.  Students should not circle multiple options.



## Grade 10 Reading Paper SRT

The grade 10 resource consists only of a reading section for grade 10 students. This resource includes multiple-choice questions only. The following table includes important information about sample questions and their corresponding practice pages. It is recommended to have the Grade 10 Reading Paper SRT available when reviewing this section. Note: Page numbers may vary depending on the font size (12, 18, 24) of the paper SRT being used, as indicated in parentheses in the left column.

Page Numbers	Sample Question Answered in Test Book	Practice
5-6 (12 & 18) 5-8 (24)	Shows a passage and a multiple-choice question. Educators and students should focus on the format of the passage (including the instructions in the text box at the top of the passage) and on marking the answer by circling an option.	Educators should allow students to read the passage and practice circling option C.  Tips:  Students may circle the letter, the text, or both the letter and text of the option.  Students should not circle multiple options.

#### **Grade 11 Mathematics Paper SRT**

The grade 11 resource consists only of a mathematics section for grade 11 students. The following table includes important information about sample questions and their corresponding practice pages. It is recommended to have the Grade 11 Mathematics Paper SRT available when reviewing this section. Note: Page numbers may vary depending on the font size (12, 18, 24) of the paper SRT being used, as indicated in parentheses in the left column.

Page Numbers	Sample Question Answered in Test Book	Practice
5–7 (12, 18, & 24)	Shows a multiple-choice question. Educators and students should focus on marking the answer by circling an option.	Educators should allow students to practice circling option C on page 6 and option C on page 7.
		Tips:
		<ul> <li>Students may circle the letter, the text, or both the letter and text of the option.</li> <li>Students should not circle multiple options.</li> </ul>
8 (12 & 18) 8-9 (24)	Shows a fill-in-the-blank question. Educators and students should focus on the importance of using only symbols that are allowed when writing an answer.	N/A



Page Numbers	Sample Question Answered in Test Book	Practice
9–10 (12 & 18) 10–11 (24)	Shows a fill-in-the-blank question with an answer that is a decimal number. Educators and students should focus on the question's bolded instructions, which indicate that a negative and/or decimal number is one of the accepted formats for this type of question.  Note: The improper fraction –21/20 is also an acceptable answer.	Educators should allow students to practice writing –39.4 in the space provided.  Tips:  • Students may read the bolded instructions again independently in order to better understand the importance of using only allowable symbols in their answer.  • Students should practice clearly writing a negative sign in front of a decimal number.  • The educator should note that the improper fraction –197/5 is also an acceptable answer.
11–12 (12 & 18) 12–14 (24)	Shows a fill-in-the-blank question with a mixed-number answer that is changed into an improper fraction. Educators and students should focus on the question's bolded instructions, which indicate that a mixed number must be converted into an improper fraction or a decimal because a mixed number is <b>not</b> one of the of the accepted formats for this type of question. <b>Note:</b> 3.25 is also an acceptable answer.	Educators should allow students to practice converting the mixed-number answer and writing 3/2 or 1.5 in the space provided.  Tips:  • Students may read the bolded instructions again independently in order to better understand the importance of changing a mixed number into an improper fraction or a decimal and to better understand the importance of using only allowable symbols in their answer.  • Students should not use a horizontal fraction bar when inputting the answer.



## High School Science Paper SRT

The high school science resource consists only of a science section for students in high school who will be taking the Science MCA. The following table includes important information about sample questions and their corresponding practice pages. It is recommended to have the High School Science Paper SRT available when reviewing this section. Note: Page numbers may vary depending on the font size (12, 18, 24) of the paper SRT being used, as indicated in parentheses in the left column.

Page Numbers	Sample Question Answered in Test Book	Practice
5–7 (12 & 18) 5–10 (24)	Shows a scenario and two diagram questions in which multiple answers may be circled. Educators and students should focus on the format of a scenario followed by a question(s) and on the answers being marked by circling an option(s).	Educators should allow students to read the scenario and practice circling the options Moon and Earth.  Tips:  Students must clearly circle the option(s).  Students should not draw lines between options, make any checkmarks/x-marks, etc., or write down their answer.
8–11 (12 & 18) 11–15 (24)	Shows a diagram question in which answers must be written into the provided boxes. Educators and students should focus on the answers being marked by writing label letters within the provided boxes. Educators should explain to students that sometimes boxes may contain more than one letter label. Instructions on whether only one letter or multiple letters are allowed will be explicit within the question. Educators and students should focus on this portion of the sample question.	Educators should allow students to practice writing letters A, B, and C in the designated boxes.  Tips:  Students should focus on writing label letters legibly within the provided boxes.  The educator should note that students can use each letter only one time in one box.
12–13 (12 & 18) 16–19 (24)	Shows a graphing question in which answers must be marked directly on the graph using a "+" symbol. Educators and students should focus on the instructions for marking multiple answers on a graph.	Educators should allow students to practice marking two "+" symbols in the designated areas.  Tips:  The educator should encourage students to make clear marks in the designated areas using only the symbol indicated in the instructions.  Students should not circle, draw lines, make any checkmarks/x-marks, etc., or write down their answer for this type of graphing question.



Page Numbers	Sample Question Answered in Test Book	Practice
14–15 (12 & 18) 20–21 (24)	Shows a multiple-choice question. Educators and students should focus on the answer being marked by circling an option.	Educators should allow students to practice circling option C.  Tips:  Students may circle the letter, the text, or both the letter and text of the option.  Students should not circle multiple options.