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*Est. 1997*

# Math Accelerated 5
# 3501

# Readiness Assessment Test

Thank you for considering this course for your student. Here are some tips for success in the Readiness Assessment process.

- Please do not provide your student this assessment or its contents until you are ready for him or her to complete it in a single sitting with no books, notes, or outside help. It is intended to be a spot check of retained knowledge and skill.

- Make sure you have the latest version of this assessment. Ideally, please download it and have your student complete it within one week prior to enrollment.

- Completed Readiness Assessment materials for a course should be submitted immediately after you enroll in the course.

- **Readiness Assessment materials must be submitted by uploading from the Family Account in the Enrolled Courses view**. Readiness Assessment materials are not accepted through email.

- Visit Live Chat, or email TPS Support (support@pottersschool.org) for questions or assistance.

## Part I: Academic Background (to be completed by the parent)

### Age/Grade

1. How old will your student be as of **October 1st** of the academic enrollment year?

2. What grade will your student be in **at the start of this course**?

### Related Coursework

1. Please provide the title of the most recently completed (or in-progress) course in the same subject area or related subject area that might help assess academic readiness for this course:

   Course Name:

   a. What is the student's in-progress or final course grade (numeric grade if available)?

   b. What is the name of the course provider (e.g., online provider, taught at home, local college)?

   c. What is the name of the course curriculum (title and name of publisher of primary text if known)?

   d. Is the student on-track to complete the entire course/curriculum by the end of the current year (if in-progress)?

   e. How is the course evaluated? Is the work self-checked, parent-checked, or evaluated outside the home?

   f. What percentage (if any) of the student's grade is based on assessments that are completed without access to notes or outside resources and completed in a single sitting without the opportunity for rework to improve the grade?

**Additional Background**

1. Is your student's first language English or a different language? If different, what is his or her language background? (**Note:** Most TPS classes are designed for native English speakers, but we also provide support at several levels for students whose first language is not English.)

2. Is there additional information that might help us better know your student and understand his or her unique abilities and needs for the best course placement and academic outcome?

## Part II: Course Questionnaire

1. What do you know about the Singapore Math curriculum?

2. Have you been using the same math curriculum the past few years? If not, what else have you been using?

## Part III: Readiness Test (to be completed by the student)

- Show **ALL** work on the test.
- **Circle** your answer when a blank line is not given.
- NO one or thing is allowed to help you with this test (that includes calculators).
- **May God be glorified in all that we do!**

1. Express 0.6 as a fraction in simplest form. _____

2. Solve: (a) 4.83 + 0.7 = (b) 42.3 divided by 3 =

3. Find the product (the answer when you multiply) of 7908 and 64.

4. Find the quotient (the answer when you divide) of 7080 and 60.

5. What is the Perimeter of a square that has a side of 3 feet?

6. What is the Area of this rectangle?

7. Consider this number to answer the following questions:

   742,630,105

   (a) What is this number rounded to the nearest million? _____

   (b) What number is 100 more than the original number? _____

   (c) What digit is in the hundred thousands place? _____

8. Complete this pattern: 72, 63, 54, _____, _____, _____

9. Is 27 a prime number? **Why or why not?** _____

10. 2/5 of the boys and girls club are boys. What fraction are girls? _____

11. Nicole had $50. She bought 35 pears. Every 5 pears cost $4. How much money did she have left?

12. (a) Change the mixed number to an improper fraction.

    3 5/6 = _____

    (b) Change the improper fraction to a mixed number.

    26/8 = _____

13. Tell if it's > , < , or =

    (a) 1/3 _____ 12/36

    (b) 2/3 _____ 3/9

14. Solve for n. 56 - 8 x 5 + 4 = **n**

15. List all the factors of 24: (there should be 8 of them)

    _____

16. If you can solve these mentally (in your head without the use of paper or pencil), put the answer and then put an 'M' next to the problem. Otherwise, just work it out.

(a) 1000 - 497=_____ (b) 6000 x 500=_____

(c) _____ - 845=155 (d) _____ x 12 = 120

17. John works 7 hrs. 15 min. in a factory 4 times a week. He is paid $8 an hour. How much money does he earn in a week?