



Math Accelerated 6 3502

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 (to be completed by the parent)

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. In the number 1,506,724,819
 - (a) the digit _____ is in the ten millions place.
 - (b) the value of the digit 7 is _____.

2. 360,000 divided by what equals 900? _____

3. List all the factors of 72 (there should be 12 of them)

4. Find the value of the following mentally.

(a) $799 + 235$

(c) $2.465 + 0.2$

(b) $316 - 199$

(d) $4.567 - 0.04$

5. Tim received \$120 from his parents. He saved \$50 and spent the rest on a calculator and a watch. The watch cost \$36. How much LESS did the calculator cost?

6. Which fraction is the smallest?

(a) $\frac{2}{7}$

(b) $\frac{2}{5}$

(c) $\frac{2}{3}$

(d) $\frac{2}{9}$

7. Write these fractions in simplest form:

(a) $\frac{18}{24}$ _____

(b) $\frac{3}{27}$ _____

8. (a) Express $\frac{7}{3}$ as a mixed number. _____
(b) Express $5\frac{4}{5}$ as an improper fraction. _____
9. Zig spent $1\frac{5}{6}$ hours doing his homework and $\frac{3}{4}$ hour watching TV. How long did he spend on the two activities? Please write your answer in hours.
10. A rectangle measures $\frac{5}{7}$ m by $\frac{2}{5}$ m. What is the area?
11. Evaluate: $(26 - 18) + 4 - 2 \times 6$
12. What does 2595 divided by 25 equal? (Do not leave your answer with a remainder – either write as a fraction or continue the problem as a decimal)

13. A square is 7 feet long on one side. What is the perimeter?

14. Solve for x. $4:x = 32:48$

15. 15 hundredths expressed as a decimal is _____

16. Arrange the following decimals in order, beginning with the greatest.

7.715

7.7

77.17

70.77

17. Solve $49 - 19.55 =$

18. Find the product of 25.75 and 0.4

19. Divide 86.72 by 3.2

20. 8.5 km = _____ m

(a) 85m

(b) 850m

(c) 8,500m

(d) 85,000m

21. Round 89.44 to the nearest tenth. _____

22. Express this fraction as a percentage: $\frac{2}{10}$ is _____%

23. In a room of 100 people, 40 are men, 32 are women, and the rest are children. What percentage of the people are children?

24. The sum of the angles in a triangle is _____ degrees.

25. What is the mean of the set of these numbers: 12, 11, 13, 11, 15, 16

(a) 11

(b) 12

(c) 12.5

(d) 13