



Math Fundamentals 5 3813

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: Readiness Test (to be completed by the student)

Instructions:

1. Do **not** use a calculator.
2. Answer each question in the space provided.
3. **Show all your work.**

The Four Operations and Number Sense

1. Solve. Show your work. Remember to line up the place value units carefully.

$$367,921 + 17,707 + 184$$

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2. Solve. Show your work. Remember to line up the place value units carefully.

$$648,015 - 39,643$$

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3. Write the number in standard (normal) form.

67 thousand 5 hundred 6 _____

4. Fill in the missing number.

$$85 = 47 + \underline{\hspace{2cm}}$$

5. Write the numbers in order from least to greatest.

92,000

95,205

95,500

90,050

6. Round to the nearest **hundred**.

$$5,160 \approx \underline{\hspace{2cm}}$$

7. Calculate mentally.

$$8,000 - 500 = \underline{\hspace{2cm}}$$

8. Calculate mentally.

$$40 \times 60 = \underline{\hspace{2cm}}$$

9. Circle the number that is **not** a factor of 24.

2 3 4 6 7 8 12

10. Calculate in the right order.

$$5 \times (3 + 4) = \underline{\hspace{2cm}}$$

11. Continue the pattern for three more numbers.

150 225 300 375

12. Solve. Show your work.

$$6 \times 429$$

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13. Solve. Show your work.

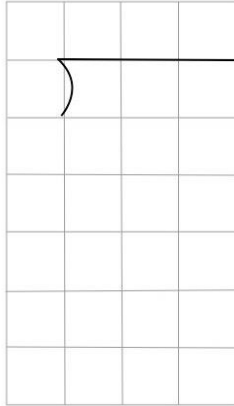
$$42 \times 79$$

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14. Solve. Check by multiplying. Show all your work.

$$441 \div 7$$

Check:



15. Solve mentally.

$$52 \div 8 = \text{ ______ } R \text{ ______ }$$

Fractions and Decimals

16. Add the fractions.

$$\frac{1}{8} + \frac{4}{8} =$$

17. Change the improper fraction to a mixed number.

$$\frac{13}{9} =$$

18. Circle the digit in the **hundredths** place.
95.34

Problem Solving

19. Solve for the missing amount. Show your work.

The original price of a BigJamz MP3 player was \$59.50 but now it is on sale for \$45.99. How much is the discount?

20. The length of a box is 12 inches and the width is 4 inches. What is the area of the box?