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Est. 1997

Math Accelerated 4
3907

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. Fill in the blanks.

   (a) 6,000 + _____ + 3 = 6,803

   (b) In 4,598 the digit _____ is in the hundreds place,

   and its value is _____.

   (c) 9,406 is 100 more than _____.

   (d) 4,900 is _____ more than 4,890.

2. Continue the number pattern.

4,623 4,723 4,823 _____ _____ _____

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

8,662 862 6,862 6,826

_____ _____ _____ _____

4. Rounding.

(a) Round 5,190 to the nearest thousand. _____

(b) Round 8,485 to the nearest ten. _____

(c) Round 3,968 to the nearest hundred. _____

5. Solve.

(a) $\begin{array}{r} 1{,}346 \\ +\ \ 194 \\ \hline \end{array}$

(b) $\begin{array}{r} 8{,}032 \\ -\ 5{,}260 \\ \hline \end{array}$

6. If: ☆ + ☆ + ☆ = 21

and: △ + △ + △ + △ = 36

then solve: ☆ × △ = _____

7. Write >, <, or = in each. ◯

   (a) 6,405 ◯ 6,518

   (b) 4,462 + 1,437 ◯ 1,200 × 4

8. Write +, -, ×, or ÷ in each. ◯

   (a) 35 ◯ 5 = 40

   (b) 7 × 9 = 70 ◯ 7

   (c) 2,400 ◯ 6 = 400

   (d) 1 ◯ 432 = 432

9. Fill in the blanks with a number to make the expressions true.

   (a) 40 ÷ _____ = 4 × 2

   (b) 9 × 0 = _____ × 6

   (c) _____ × 5 = 1,000

10. Circle the best estimate for the value of 587 × 8.

    580 4,000 4,800 5,000

11. Solve.

(a) $\begin{array}{r} 1{,}306 \\ \times \quad 7 \\ \hline \end{array}$

(b) $8\overline{)488}$

Fractions

12. Circle the larger fraction.

$\frac{4}{5}$ $\frac{4}{9}$

13. How many halves are in 5? _____

14. Write this fraction in simplest form.

$\frac{8}{16} = \_\_\_\_$

Problem Solving

Solve each problem for the missing amount. Show your work.

15. Mr. Mancini earns $2600 a month. He spends $575 on food and $1450 on other things. How much does he save each month?

16. A computer costs $1400. A microwave oven is $850 cheaper than the computer. Mr. Max bought both the computer and the microwave oven. How much did he pay?

17. John weighs 64 lb. His brother weighs 16 lb. less. Their father's weight is 2 times their total. What is their father's weight?