

**GRADE 10 ESSENTIAL  
PRACTICE WITH ARITHMETIC**

Name: \_\_\_\_\_

Date: \_\_\_\_\_

SOME BASIC ARITHMETIC TO PRACTICE \***SHOW WORK**\* !

- Do them manually. You may use times tables if necessary for now.
- Check with a calculator
- If you need more practice for yourself (or to help family!) I will issue you a *workbook* with more explanations and practice and answers.

Add or subtract.

	<i>a</i>	<i>b</i>	<i>c</i>	<i>d</i>
<b>1.</b>	$\begin{array}{r} 4815 \\ +7263 \\ \hline \end{array}$	$\begin{array}{r} 15.8 \\ +23.9 \\ \hline \end{array}$	$\begin{array}{r} 165975 \\ 45336 \\ +64821 \\ \hline \end{array}$	$\begin{array}{r} 48.62 \\ 3.94 \\ +5.75 \\ \hline \end{array}$
<b>2.</b>	$\begin{array}{r} 1286 \\ +576 \\ \hline \end{array}$	$\begin{array}{r} 45.88 \\ +8.90 \\ \hline \end{array}$	$\begin{array}{r} 126783 \\ +267854 \\ \hline \end{array}$	$\begin{array}{r} 14.892 \\ -7.698 \\ \hline \end{array}$
<b>3.</b>	$\begin{array}{r} 4296 \\ -853 \\ \hline \end{array}$	$\begin{array}{r} 8.3 \\ -2.7 \\ \hline \end{array}$	$\begin{array}{r} 526794 \\ -64288 \\ \hline \end{array}$	$\begin{array}{r} 15.21 \\ -5.76 \\ \hline \end{array}$

Multiply or divide.

	<i>a</i>	<i>b</i>	<i>c</i>
4.	$\begin{array}{r} 264 \\ \times 13 \\ \hline \end{array}$	$\begin{array}{r} 957 \\ \times 816 \\ \hline \end{array}$	$\begin{array}{r} 16.23 \\ \times 4.8 \\ \hline \end{array}$

5.	$\begin{array}{r} 1658 \\ \times 623 \\ \hline \end{array}$	$\begin{array}{r} 21.79 \\ \times 25.4 \\ \hline \end{array}$	$49 \overline{)15\,729}$
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6.	$113 \overline{)2488}$	$2.5 \overline{)412.5}$	$0.088 \overline{)53.68}$
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Solve each problem.

Park Ticket Prices

\$1.50 per ride

\$13.00 day pass

1. There were 4129 ride tickets sold today at the park. How much money was collected for the ride tickets?

\$\_\_\_\_\_ was collected.

2. There were 8765 day passes sold at the park. How much money was collected for the day passes sold?

\$\_\_\_\_\_ was collected.

3. How much money was collected today for both ride tickets and day passes?

\$\_\_\_\_\_ was collected.

4. How many more day passes were sold today than ride tickets?

\_\_\_\_\_ more day passes were sold than ride tickets.

5. A group spent \$4108.00 on day passes. If each person purchased one day pass, how many people were in their group?

There were \_\_\_\_\_ people in their group.

1.

2.

3.

4.

5.

**Answers:****PRETEST**

Reasonable success at this Pre-Test suggests you will likely only need to do a very few practice problems in the remaining lessons.

- 1a. 12,078    b. 39.7    c. 276,132    d. 58.31  
e. 210.333
- 2a. 1,862    b. 54.78    c. 394,637    d. 7.194  
e. 744
- 3a. 3,443    b. 5.6    c. 462,506    d. 9.45  
e. 281.693
- 4a. 3,432    b. 780,912    c. 77.904    d. 43.1277
- 5a. 1,032,934    b. 553.466    c. 321    d. 13 R26
- 6a. 22R2    b. 165    c. 610    d. 2.46

**PRETEST PROBLEM SOLVE**

1. 6,193.50    2. 113,945    3. 120,138.50  
4. 4,636    5. 316