



MATHEMATICS 310

Contents

I. Rounding, Add and Subtract Whole Numbers and Fractions	2
II. Ordinal Numbers, Even and Odd, Probability, Multiplication Facts	8
III. Fractions, Number Order, Measurements, Missing Numbers	15
IV. Time, Flat and Solid Shapes, Patterns, Place Value	22
V. Review, Story Problems	29

Author:

Carol Bauler, B.A.

Editor:

Alan Christopherson, M.S.

Graphic Design:

JoAnn Cumming, A.A.



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Meet our friends.
There's Doc and Revver,
And Vicky, too.

They'll guide
you through the LIFEPACs,
And keep the scores
for you.



Doc



Revver



Vicky



My name is



Memory Verse

“Thou shalt not covet thy neighbour's house, ...”

Exodus 20:17



Objectives

1. I can round numbers to thousands' place.
2. I can estimate addition and subtraction problems to thousands' place.
3. I can add and subtract fractions vertically and horizontally.
4. I can learn more about probability.
5. I can learn about equations.
6. I can learn to make two sides of a problem equal to each other.
7. I can learn to use parentheses in two-step problems.
8. I can study the relationship between perimeter and area measurement.

I. Part One



1.1 Count. Count by tens. Write the numbers.

10, _____, _____, _____, _____, _____, _____, _____, _____

Count by hundreds. Write the numbers.

100, _____, _____, _____, _____, _____, _____, _____, _____

1.2 Round to tens' place or hundreds' place.

47 _____ 65 _____ 83 _____ 249 _____ 550 _____ 897 _____

We can decide whether or not we have sensible answers.

1.3 Round to tens' place or hundreds' place.

Add or subtract both problems. Compare. Is your answer sensible?

92 _____	84 _____	521 _____	675 _____
+ 36 _____	+ 76 _____	+ 473 _____	+ 182 _____
<hr/>	<hr/>	<hr/>	<hr/>

72 _____	59 _____	792 _____	410 _____
- 48 _____	- 23 _____	- 515 _____	- 195 _____
<hr/>	<hr/>	<hr/>	<hr/>

1.4 Round the numbers. Estimate the answers.

Jenny was counting paper plates for a party. She had 13 green plates, 18 orange plates, 27 yellow plates, and 21 blue plates.

About how many plates did she have altogether? _____

The class program was well attended. 221 people came the first night, 310 came the second night, and 425 came the third night.

About how many people attended the class program? _____

1.5 Count by thousands. Write the numbers.

1,000, _____, _____, _____, _____,
_____, _____, _____, _____

1.6 Round to thousands' place.

4,865 _____ 7,540 _____ 8,500 _____ 1,231 _____

We can decide whether or not we have sensible answers.

1.7 Round to thousands' place. Add or subtract both problems.
Compare. Is your answer sensible?

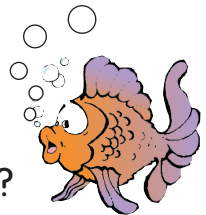
4,635 _____	1,813 _____	3,002 _____
+ 2,330 _____	+ 2,790 _____	+ 4,221 _____
<hr/>	<hr/>	<hr/>

5,836 _____	9,226 _____	2,930 _____
- 2,295 _____	- 4,841 _____	- 1,045 _____
<hr/>	<hr/>	<hr/>

1.8 Round the numbers. Estimate the answers.

Jesse was comparing the population in three neighboring towns. The populations were 3,486, 2,320, and 3,891.

About how many people lived in the three neighboring towns?



_____ + _____ + _____ = _____

Casey's father travelled by plane for his work. He travelled 2,349 miles in January, 1,923 miles in February, and 4,231 miles in March.

About how many miles did Casey's father travel in three months?

_____ + _____ + _____ = _____

1.9 Add.

$$\begin{array}{r} 2 \\ 6 \\ + 3 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ 8 \\ + 5 \\ \hline \end{array}$$

$$\begin{array}{r} 47 \\ 26 \\ + 32 \\ \hline \end{array}$$

$$\begin{array}{r} 58 \\ 95 \\ + 40 \\ \hline \end{array}$$

$$\begin{array}{r} 293 \\ 651 \\ + 128 \\ \hline \end{array}$$

$$\begin{array}{r} 2,955 \\ + 3,063 \\ \hline \end{array}$$

$$\begin{array}{r} 5,862 \\ + 2,095 \\ \hline \end{array}$$

$$\begin{array}{r} 2,761 \\ + 4,382 \\ \hline \end{array}$$

$$\begin{array}{r} 7,084 \\ + 1,036 \\ \hline \end{array}$$

$$\begin{array}{r} 3,265 \\ + 4,538 \\ \hline \end{array}$$

$$\begin{array}{r} 2,594 \\ + 3,061 \\ \hline \end{array}$$

$$\begin{array}{r} 5,726 \\ + 3,859 \\ \hline \end{array}$$

$$\begin{array}{r} 2,100 \\ + 5,956 \\ \hline \end{array}$$

Remember to carry!



1.10 Follow the steps to add fractions.

Draw the fraction bar. Write the denominator. Add the numerators.

$$\begin{array}{r} \frac{1}{4} \\ + \frac{2}{4} \\ \hline \end{array}$$

$$\begin{array}{r} \frac{3}{8} \\ + \frac{4}{8} \\ \hline \end{array}$$

$$\begin{array}{r} \frac{2}{7} \\ + \frac{3}{7} \\ \hline \end{array}$$

$$\frac{1}{8} + \frac{5}{8} = \underline{\hspace{2cm}}$$

$$\frac{3}{12} + \frac{2}{12} = \underline{\hspace{2cm}}$$

$$\begin{array}{r} \frac{2}{3} \\ + \frac{1}{3} \\ \hline \end{array}$$

$$\begin{array}{r} \frac{4}{5} \\ + \frac{1}{5} \\ \hline \end{array}$$

$$\begin{array}{r} \frac{3}{6} \\ + \frac{3}{6} \\ \hline \end{array}$$

$$\frac{4}{9} + \frac{5}{9} = \underline{\hspace{2cm}}$$

$$\frac{1}{2} + \frac{1}{2} = \underline{\hspace{2cm}}$$