

Chapter 1 - 3 Test Review

Follow these instructions carefully. Show all work for all questions as necessary. Show all work for all questions as necessary. Write neatly, and read all questions closely.

1. Name each part of the following division problem diagram. Write your answer in the boxes.

			0	2	
	2	1	<u>4</u>	3	
	-	0			
			4	3	
	-	4	2		
			1		

2. Write the place-value of the underlined digit, then round to that place value.

34.457

Place: _____

Rounded Number: _____

3. First, write the number that is $\frac{1}{10}$ of 0.8

Next, write the number that is 10 times 0.08.

4. Write the EXPANDED FORM of the following number: 64.982

Use the equality symbol ($<$, $>$, or $=$) that makes each statement true.

a. 1.221 \bigcirc 1.212

b. 8.920 \bigcirc 8.92

c. 0.004 \bigcirc 0.040

d. 6.215 \bigcirc 6.251

5. Use the chart below to answer the questions.

The following is a list of insect sample sizes.

Insect	Length (inches)
1	3.854
2	4.054
3	3.493
4	4.504

a. Which two insects have the same length when rounded to the *nearest inch*?

b. Order the lengths from least to greatest.

6. Multiply 1726×43 .

7. Divide $765 \div 51$. Leave your remainder as a fraction.

8. A city is building new apartments on 6 currently empty lots. Each lot needs to have 12 buildings on them, each with 35 rooms. How many rooms will be built in total?

9. Samson, Abigail, Isaac, and Cain *each* earned \$323 mowing lawns. They want to buy video games that cost \$19 each. How many pins do they have in total?

10. Maurie and Joe are creating art pieces. They have 279 ml. of paint, and each painting will take 13ml of paint. How many ml. of paint will remain after they've made as many art pieces as they can?

11. A shark weighs 4 times the weight of a marlin. A marlin weighs 3 times the weight of a bluefin tuna. One of each fish in total weighs 512lbs. How much does each fish weigh?