

1. Perform each indicated operation. Round the result to the nearest thousandth if necessary.

a.  $2.893 + 4.21 + 10.492$       b.  $-47.92 - 3.28$       c.  $9.83 - 30.25$

d.  $10.2 \times 4.01$       e.  $-0.00843 \div (-.23)$

2. Round each decimal to the indicated place value.

a.  $34.8923$ , nearest tenth      b.  $0.8623$ , nearest thousandth

3. Insert  $<$ ,  $>$ , or  $=$  between each pair of numbers to form a true statement.

a.  $25.0909$    $25.9090$       b.  $\frac{4}{9}$    $0.445$

4. Write each decimal as a fraction or a mixed number.

a.  $0.345$       b.  $-24.73$

5. Write each fraction as a decimal. If necessary, round to the nearest thousandth.

a.  $-\frac{13}{26}$       b.  $\frac{16}{17}$

6. Simplify.

a.  $\frac{.23 + 1.63}{-.03}$       b.  $2.4x - 3.6 - 1.9x - 9.8$

7. Solve.

a.  $0.2x + 1.3 = 0.7$

8. Find the mean, median, and mode of each list of numbers.

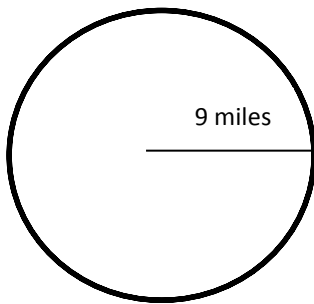
a.  $32,49,43,42,26$

9. Find the grade point average. If necessary, round to the nearest hundredth.

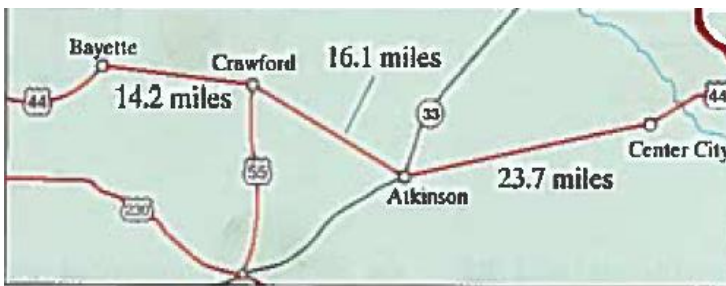
Grade	Credit Hours
A	3
B	3
C	3
B	4
A	1

A = 4
B = 3
C = 2

10. Find the exact circumference of the circle. Then use the approximation 3.14 for  $\pi$  and approximate the circumference



11. Find the total distance from Bayette to Center City.



Answers Math 0302 Practice Test 3

1a.	17.595
1b.	-51.20
1c.	-20.42
1d.	40.902
1e.	0.037
2a.	34.9
2b.	0.862
3a.	<
3b.	<
4a.	$\frac{69}{200}$
4b.	$-24\frac{73}{100}$
5a.	-0.5
5b.	0.941
6a.	-62
6b.	$.5x - 13.4$
7a.	$x = -3$
8a.	<i>No mode</i>
	<i>Median</i> = 42
	<i>Mean</i> = 38.4
9.	3.07
10.	$18\pi$ miles
	56.52 miles
11.	54 miles