

# Pre-Algebra

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

Period: \_\_\_\_\_

Round each number to the underlined place.

1. 12.182

\_\_\_\_\_

2. 5.2

\_\_\_\_\_

3. 89.777

\_\_\_\_\_

4. 3.14159

\_\_\_\_\_

5. 3.9437

\_\_\_\_\_

6. 525.23

\_\_\_\_\_

Estimate by rounding. Show what you are rounding each number to.

7.  $28.99 - 10.05$

8.  $4.69 + 3.31$

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9.  $6.04 + 4.234 + 6.785$

10.  $6.856 - 4.132$

11.  $4.3 \cdot 5.027$

12.  $9.5684 \cdot 3.4$

13. What are compatible numbers? \_\_\_\_\_

\_\_\_\_\_

**Estimate each quotient using compatible numbers (hint: first round the second number, then round the first to a compatible number).**

14.  $19.87 \div 6.878$

15.  $58.1 \div 9.7526$

15. 2 2 3 4 14 3 5 3

a) What is the mean of the above data?

b) Arrange the numbers in order from least to greatest. What is the median?

c) What is the mode? \_\_\_\_\_

d) Is there an outlier? YES NO If yes, what is it? \_\_\_\_\_

16. 8.25 8.4 7.35 9.5 10 9.15

a) What is the mean of the above data?

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b) Arrange the numbers in order from least to greatest. What is the median?

c) What is the mode? \_\_\_\_\_

17. 32 35 31 17 33 30 34 32 31 38 35

- a) What is the mean of the above data?
  
  
  
  
  
  
  
  
  
  
- b) Arrange the numbers in order from least to greatest. What is the median?
  
  
  
  
  
  
  
  
  
  
- c) What is the mode? \_\_\_\_\_
  
  
  
  
  
  
  
  
  
  
- d) Is there an outlier? YES NO If yes, what is it? \_\_\_\_\_