1. write using exponents. (-4)(-4)

**Answer:**

(–4 )2

2.simplify show your work. 5 1/3+(-3 9/18

**Answer:**

5 1/3 + –3 9/18

= 16/3 – 7/2

= 11 / 6

3.what type of measurement would you use to describe the amount of water a pot can hold?

**Answer:**

Volume (example, **liters**) is in the scale of **ratio**

4. estimate the sum of 9.327+5.72+4.132 one decimal place.

**Answer:**

9.3 + 5.7 + 4.1 = **19.1**

5.state whether the number 91 is prime ,composite, or neither.

**Answer:**

91 is a composite number

6.what are the mean and the mode of the following set of data: 5,12,1,5,7
mean:
mode:

**Answer:**

Mean = 6

Mode = 5

7. to measure the distance from the us . to Istanbul, Turkey you would most likely use \_\_\_\_\_\_\_\_\_\_\_\_.

**Answer:**

Kilometers or miles

8. what percent of 67 is 33 round to the nearest tenth of a percent .

**Answer:**

49.3%

9. an adult house cat could be about 1 \_\_\_\_\_\_\_\_\_\_\_\_\_ high.

**Answer:**

foot

10. write a number sentence for the model. let one white tile equal +1 and one black tile equal-1.

**Answer:**

Let

white tile = +1

black tile = – 1

11. determine whether the statement is true or false 94 is divisible by 3.

**Answer:**

False

12. state whether the number 97 is prime, composite or neither.

**Answer:**

97 is **prime**

13.solve the equation. show you work 5d =17.1.

**Answer:**

5d = 17.1

5d/5 = 17.1/5

**d = 3.42**

14. a reasonable estimate for the mass of a baby would be 7\_\_\_\_\_\_\_.

**Answer:**

pounds

15.write an equation for twelve times h one hundred and twenty minus thirty-six.

**Answer:**

12 x 120 – 36 = 1404

16. solve the equation step by step list each step, along with the property you used during step -5\*1\*11\*4.

**Answer:**

– 5(1) = – 5

– 5(11) = – 55

– 55 (4) = – 220

I use identity property of real numbers, rules in multiplying integers and associative property of multiplication.

17. summarize the order of operation for evaluating expressions. use complete sentence.

**Answer:**

Simplify first the operations inside the parenthesis (or other grouping symbols) then, simplify the exponents, then simplify multiplication or division, which ever comes first from left to right, will be performed first, lastly, simplify addition or subtraction, which ever comes first from left to right, will be performed first.

18.define three measures of central tendency. use complete sentence s.

**Answer:**

Mean is the sum of all the data, divided by the number of data while median is the middle most value in the ordered, or arranged set of data. Mode is the most frequently occurring number/s in the given set of data.

19.without computing, tell whether the product is positive or negative (-4)(-4)(-4)

**Answer:**

Negative

20.solve the equation show you work 3x=45

**Answer:**

3x = 45

3x/3 = 45/3

x = 15