

Name _____

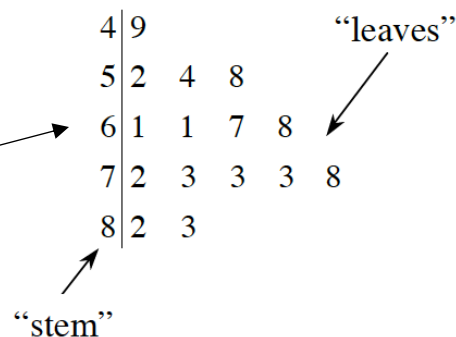
No Work Shown, No Credit Given

Period

1. Remember that factors are numbers that multiply to give you a particular product.

- a) Find all the factors of 20** **b) Find all the factors of 21.** **c) Find all the factors of 19.**

	—	5
—	200	100
7	—	—



- 3. a)** List all the numbers from the stem and leaf graph, from least to greatest.
- b)** How many numbers are on your list?

4. Round to the nearest whole number.

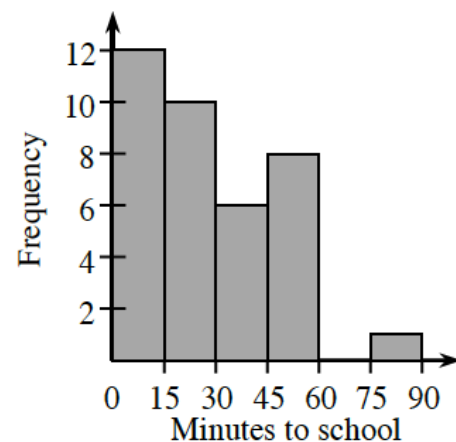
- a) 4.623 b) 183.381 c) 19.89 d) 0.333 e) 0.702**

5. Round to the nearest tenth.

- a) 14.623 b) 183.381 c) 19.89 d) 0.333 e) 0.702**

6. The histogram shows how long it takes students to get to school.

- How many students take between 30 and 45 minutes?
- What is the most common interval of time to get to school?
- How many students are represented on the histogram?



----- **Please show your work for #7-#14 on a separate piece of paper.** -----

7. Show your work!

- a)** $1.23 + 8 + 9.9$ **b)** $32 - 1.01$ **c)** $94.1 - 3.14$

8. a) 9^3 b) 13^2 c) 10^7 d) 4^4 e) 1^6

9. Find the prime factorization for each number: a) 150 b) 300

10. Create a generic rectangle for each problem. Add the boxes to find the final product.

a) $36 \cdot 72$ b) $235 \cdot 14$ c) $9(811)$

11. Use the Distributive Property to *rewrite* each of the following products as sums, and then calculate the value, as shown in the example below. Or you can use a generic rectangle.

Example: $4(307) = 4(300) + 4(7) = 1200 + 28 = 1228$

a) $9(605)$ b) $4(582)$ c) $5(6230)$

12. Keylin says that when she ran 115 yards, she went farther than Cres, who only ran 327 feet. Is Keylin correct? *Explain* how you know. Remember that 1 yard = 3 feet.

13. Stacy exercises three days each week by walking around the soccer field near her home. The field is 80 yards wide and 115 yards long.

a) *Draw* a diagram of the field. Then find how far Stacy walks in one trip around the field. This distance is called the **perimeter**.

b) If Stacy walks around the field four times each time she exercises, how far does she walk each week? *Show your work*.

14. Find the area of each figure.

