Homework 5/8/19

Directions: Use the stem and leaf plot to answer questions 1-5.

<u>Age of members in the Smith family</u>

stem	leaf
0	1, 1, 2, 2, 3, 4, 4, 4, 4, 5, 8
1	0, 0, 0, 1, 1, 3, 7, 9
2	5, 5, 7, 7, 8, 8, 9, 9
3	0, 1, 1, 1, 2, 2, 2, 4, 5
4	0, 4, 8, 9
5	2, 6, 7, 7, 8
6	3, 6

Key: 6|3 = 63 years old

1) How many family members are younger than 25 years old?

_____

2) How old is the oldest family member? _____

3) What age is most amount of people? _____

4) How many family members have an age that is a composite number?

_____

5) How many family members have an age that is an odd number?

_____

Directions: Complete the review problems.

6) Which is NOT equivalent to the value 22?
   a. 3 x 4 – 7 + (15-5)
   b. 16 + 3 x (15 – 5) / 5
   c. (15 – 5) + 8 x 2 – 4
   d. 7 + (15 – 5) x 3 / 2

7) Select **all** the numbers when rounded to the nearest tenth that will round to 74.3.
   a. 74.263
   b. 74.371
   c. 74.31
   d. 74.84

8) Order the five numbers from least to greatest: 0.72, 4/8, 3/4, .46, 1/3

9) A cheetah runs at a speed of 72.3 miles per hour. A jaguar runs at a speed of 62.7 miles per hour. How much faster does a cheetah run than a jaguar? _____

10) The perimeter of a rectangle is 24 inches. If the length of the rectangle is 8 inches, what is the width of the rectangle? _____