

Name: _____

Homework 5/16

Directions: Complete the SOL review questions

- 1) Marion created this table to show the relationship between the number of chapters she is assigned to read, c , and the numbers of days it takes her to read them, d . Which equation represents the pattern in the table?

C	1	2	3	4
D	1	3	5	7

- a. $D = (c \times 2) + 5$
b. $D = (c - 2) + 5$
c. $D = (c \times 2) - 1$
d. $D = (c \times 3) - 2$
- 2) Jonas is taking a survey for school. His results are 23, 43, 22, 21, 34, 43, 38, 28, 27, 54, 50, 19. Create a stem and leaf plot to show his results.

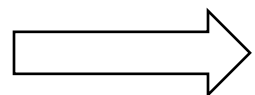
- 3) India received the following scores on her math tests: 80, 80, 90, 95, and 75. What is the range of her scores? _____

- 4) A total of 924 people saw the same movie in one day. There were 6 showings that day. How many people on average went to each showing? _____

- 5) Diego had 95 baseball cards. After he gave c cards to his brother, he had 68 left. Which equation shows this problem?

- a. $95 + c = 68$
b. $95 - c = 68$
c. $68 - c = 95$
d. $C - 68 = 95$

- 6) Order the fractions from least to greatest: $\frac{2}{10}$, $\frac{2}{5}$, $\frac{3}{4}$: _____



7) Find the mean for the data set: 9,5,5,9,3,9,7,1 Mean = _____

8) Lucas wrote this pattern: 0,1,1,2,3,5,8, ... What number comes next? Explain how you know. _____

- a. 9
- b. 12
- c. 13
- d. 16

9) Solve the equation: $60 - 4 \times 10 + 3 =$ _____

10) Jamie made a chart showing his test scores this semester. If Jamie made a stem-and-leaf plot to represent the data, how many stems would he need?

Subject	Test Scores
Math	78, 96, 88
English	80, 79, 95, 100
History	82, 86, 90
Science	84, 93, 88