

Name: _____ Period: _____

Week 1 Homework Packet – 7th Grade Math

ASSIGNMENT DUE WED/THU. AUGUST 10/11. 2016

Unit 1, Chapter 3 – Integers

Score
/ **4**

Week Score
/ **8**

Stamp

For problems 1–4, use the order of operations to evaluate each expression. Write each step on a separate line to show each step. Also on each line, write out which step of the order of operations you are doing. An example problem has been done for you.

Ex) Evaluate: $3 \times (4 - 2) + 5$

Step 1: $3 \times 2 + 5$

Step 2: $6 + 5$

Step 3: 11

Grouping

Multiplication

Addition

1) Evaluate: $4(6 + 3)$

2) Evaluate: $3 + 6 \cdot 2$

3) Evaluate: $12 \div 3 - (8 - 5)$

4) Evaluate: $4^2 + 10 \div 5$

You will use the problem below to answer questions 5–8.

On a farm, there are 11 chickens and 8 cows. If all of the chickens have two legs and all of the cows have four legs, how many total legs are there on the farm, counting only the chickens and cows?

5) Understand: In your own words, describe what is being asked in this problem.

6) Plan: What are the important parts of this problem? What do you think you need to do to solve it?

7) Solve: In the space below, show how you solve the problem.

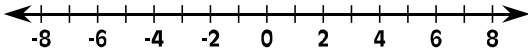
8) Check: Does your answer make sense? How do you know? What would be an example of an answer that doesn't make sense?

ASSIGNMENT DUE FRIDAY, AUGUST 12, 2016

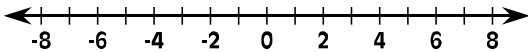
Unit 1, Chapter 3 – Integers

For problems 1–5, graph the number on the number line.

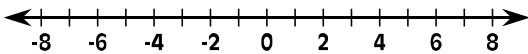
1) 4



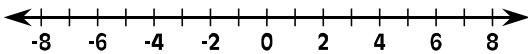
2) 5



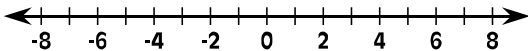
3) -2



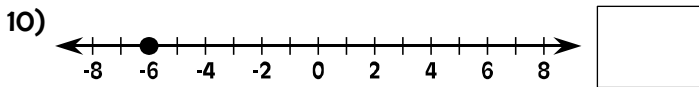
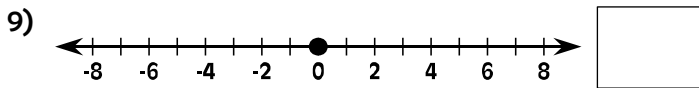
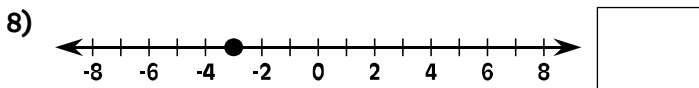
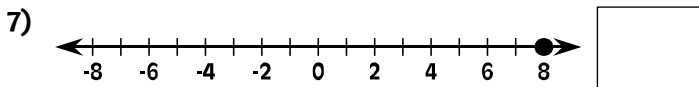
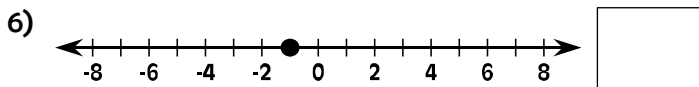
4) 0



5) -7



For problems 6–10, write in the box on the right the number that is represented by the number line.



For problems 11–15, evaluate the absolute value problem. Show the steps required to solve it. One has been done for you as an example.

Ex) Evaluate: $|-7| + |3|$

Step 1: $7 + 3$

Step 2: 10

10
Answer

11) Evaluate: $|4| - |-3|$

Answer

12) Evaluate: $8 - |6|$

Answer

13) Evaluate: $|-4| + |-5|$

Answer

14) Evaluate: $|3| \times |-2|$

Answer

15) Evaluate: $|-15| \div |3|$

Answer