UNIT 5 Study Guide – CCM6 and CCM6+

I. What is an integer?

 An integer is a 	number that is	,, or	
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II. Absolute Value and Opposite

d.
$$|-8| =$$

12. Why is absolute value often described as "magnitude?" What can't you find with absolute value?

III. Convert and Compare Fractions, Decimals, and Percents

Write each fraction or mixed number as a decimal.

14.
$$\frac{2}{5}$$

13.
$$1\frac{3}{16}$$
 _____ 15. $6\frac{5}{11}$ _____

Write each decimal as a fraction or a mixed number in simplest form.

Convert these fractions and decimals to percents.

19.
$$\frac{4}{5} =$$
_____%

21.
$$\frac{3}{8} =$$
_____%

19.
$$\frac{4}{5} =$$
 _____% 20. $0.35 =$ _____% 21. $\frac{3}{8} =$ _____% 22. $0.8 =$ _____%

Convert these percents to fractions (all fractions must be simplified).

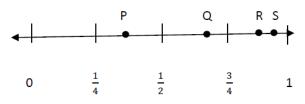
Convert these percents to decimals.

29. Inside the box, write >, <, or =.

a)
$$\frac{3}{5}$$
 $\frac{5}{7}$

c)
$$-\frac{2}{9}$$
 $-\frac{9}{11}$

30. Which point on the number line is the graph of 0.875?



31. Order the set of rational numbers from least to greatest:
$$-1.01$$
, -1.1 , $-1\frac{1}{9}$, $-1\frac{1}{11}$

IV. Ordering and Comparing Integers

Continent	Highest Point	Elevation (ft) above sea level	Lowest Point	Elevation (ft) below sea level
Africa	Mount Kilimanjaro	19,340	Lake Assal	-512
Antarctica	Vinson Massif	16,066	Bentley Subglacial Trench	-8,327
Asia	Mount Everest	29,035	Dead Sea	-1,349
Australia	Mount Kosciusko	7,310	Lake Eyre	-52
Europe	Mount Elbrus	18,510	Caspian Sea	-92
North America	Mount McKinley	20,320	Death Valley	-282
South America	Mount Aconcagua	22,834	Valdes Peninsula	-131

32.	What is the highest point on Earth?	Its elevation isft.				
33.	Which point on Earth is lower—the Caspian Sea or Lake Eyr	re?				
34.	34. Write the continents in order from least to greatest according to their elevations BELOW sea le					
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35.	Write the continents in order by their highest points, from	greatest to least feet ABOVE sea level.				
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- a) 7, -4, -5, 2 b) 7, -5, 4, -2 c) 7, 5, -4, -2 d) 7, 5, -2, -4