

CHAPTER 3 TEST REVIEW

Date _____ Period _____

Solve each equation.

1) $-4 = \frac{b}{2} + 3$

2) $-1 = \frac{6+p}{9}$

3) $19 = v - 2 - 4v$

4) $-8m - 2 + 8m = 5$

5) $24 = k - 4 - 8k$

6) $-3(7 + 8p) = -117$

7) $102 = -3(1 + 5n)$

8) $6x + 4 = 4 + 6x$

9) $a - 8 = 2a - 4$

10) $-4(v + 2) + 2v = 32 + 8v$

11) $|x| = 1$

12) $\frac{|n|}{6} = 2$

13) $|b| - 7 = -1$

14) $-3 - 2|n| = -23$

15) $-4|n| - 6 = -38$

Convert to a decimal.

16) 77%

17) 19%

18) 14.9%

Convert to a Percent.

19) $\frac{18}{100}$

20) $\frac{11}{20}$

21) $\frac{6}{15}$

Write the expression for the following.

22) 17 less than the product of 4 and a number

23) 11 greater than 4 times the quantity of the difference of a number and 9

24) The sum of 2 consecutive integers is 119.
What are the integers?

25) Bryan scored 95 points fewer in his second bowling game than his first game. His total score for two game was 150. How many points did he schore in each game?

26) Hope has ~~driven~~ 25 miles. She averaged 35 miles per hour. How many more hours must she drive to travel 150 miles?