

Name _____

Chapter 6 Test Review

Solve each inequality. Then GRAPH the solution set.

19. $x + 10 < 5$

20. $\frac{y}{-6} \leq 5$

21. $-\frac{2}{3}b + 5 > -1$

Write an equation for each of the following and solve.

22. Four times Audrey's age plus 7 is Parag's age. Parag is 51. What is Audrey's age?

23. Larue scored 10 points less than 3 times the number of points that Ross scored. Larue scored 11 points. How many points did Ross score?

Write an inequality for each of the following and solve.

24. Seth earns \$7 per hour working at the library. Write and solve an inequality that can be used to find how many hours he must work in a week to earn at least \$175.