

Chapter Test A

For use after Chapter 6

Solve the equation or the inequality.

14. $|x| = 5$

15. $|x + 2| < 5$

Is the ordered pair a solution of the inequality?

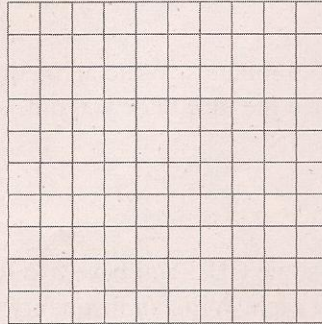
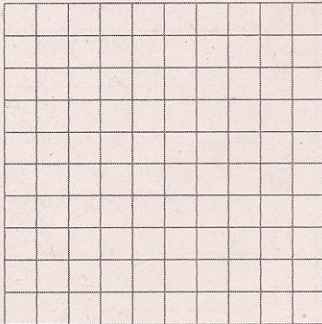
16. $x + y < 5$; (3, 0)

17. $x - y \geq 6$; (2, 7)

Sketch the graph of the inequality.

18. $x \leq 5$

19. $y > -3$



14. _____

15. _____

16. _____

17. _____

18. _____

19. _____

20. _____

21. _____

22. _____

Make a stem-and-leaf plot of the data.

20. 40, 33, 20, 22, 36, 54, 27, 42, 30

Stem

Leaves

Find the mean, the median, and the mode of the collection of numbers.

21. 3, 1, 9, 5, 9, 6, 9

Find the first, second, and third quartiles of the data.

22. 6, 10, 1, 8, 3, 1, 4