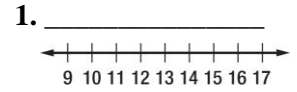


Chapter 5 PRACTICE Test (Form 2C)

SCORE _____

1. Solve $x - 12 > 1$. Then graph your solution on a number line.



Solve each inequality.

2. $7 + z < 3$

2. _____

3. $\frac{b}{8} > -\frac{1}{5}$

3. _____

4. $\frac{t}{6} \geq 14$

4. _____

5. $-19.8 \geq 3.6y$

5. _____

6. $-4r < 22$

6. _____

7. $4x - 5 < 2x + 11$

7. _____

8. $5(p + 2) - 2(p - 1) \geq 7p + 4$

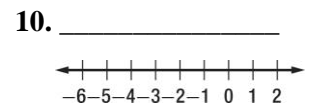
8. _____

9. $1.3(c - 4) \leq 2.6 + 0.7c$

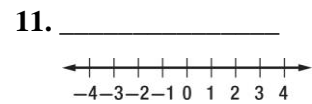
9. _____

Solve each compound inequality. Then graph the solution set.

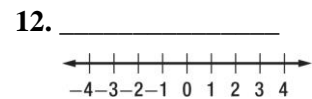
10. $3w < 6$ and $-5 < w$



11. $-4 \leq n$ or $3n + 1 < -2$

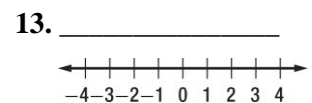


12. $-4x - 8 \geq -4$ or $7x - 5 < 16$

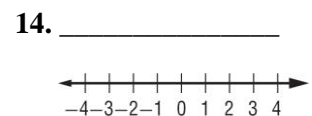


For Questions 13 and 14, solve each inequality. Then graph the solution set.

13. $|1 - x| \leq 2$



14. $|3 - 2x| \geq 1$



Chapter 5 Test, Form 2C *(continued)*

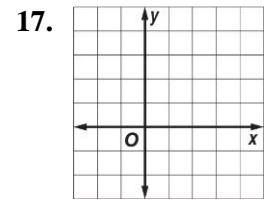
15. Solve $|8x + 2| < 14$.

15. _____

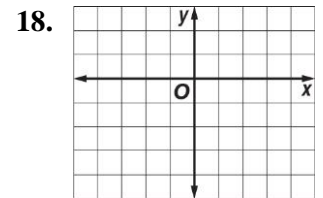
16. Ian has \$6000. He wants to buy a car within \$1500 of this amount. Define a variable, write an open sentence, and find the range of car prices.

16. _____

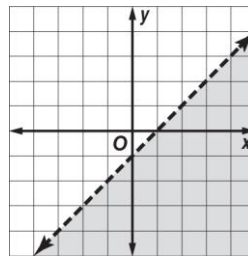
17. Graph $y > -\frac{1}{3}x + 2$.



18. Graph $2x - 3y \leq 6$.



19. What inequality has the solution set shown in the graph?



19. _____

20. **EXPENSES** Camille has no more than \$20.00 to spend each week for lunch and bus fare. Lunch costs \$3.00 each day, and bus fare is \$0.75 each ride. Write an inequality for this situation. Can Camille buy lunch 5 times and ride the bus 8 times in one week?

20. _____

Bonus Graph the solution set of the compound inequality $3 < |x - 4| < 7$.

B: