Math 7 GPA 5-4 Writing Inequalities WS

Translate the verbal sentence into an inequality and solve.

1. The sum of a number and 16 is at least 31.

2. The difference of 22 and a number is at most 8.

3. Forty-two is no more than the product of 6 and a number.

4. The quotient of 10 and a number is greater than 2.

5. Forty-nine is less than the sum of 7 and a number.

6. The difference of a number and 9 is no less than 21.

7. A number times 4 is 44 or more.

8. Five is at least the difference of 25 and a number.

9. Seven is no more than the quotient of 28 and a number.

10. Thirteen multiplied by h is at most one hundred and four.

11. The sum of a number and 5 is more than 20.

12. Twelve less than a number is fewer than 7.

13. Two sweaters at a cost of $$c$ each is no less than $49.

14. 9 more than a number is less than 30.

15. 14 increased by the opposite of a number is greater than –35.

16. –2 is more than three times a number.

17. 75 is fewer than the product of a number and –2.5.

18. The regular price less a $25 rebate is at least $205.

19. 16 points is at most 5 fewer than Michelle scored last game.