Inequalities

Which of the numbers 4, 5, 6 and 7 are solutions of each inequality?

1. $x < 6$

2. $x \geq 4$

3. $x + 2 < 7$

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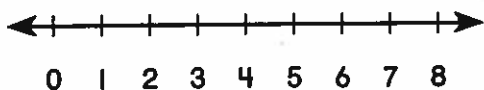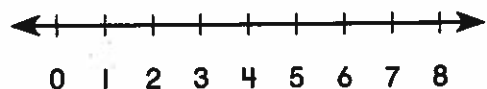
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4. $x - 1 \leq 6$

5. $x + 3 > 9$.

6. $x - 4 < 1$

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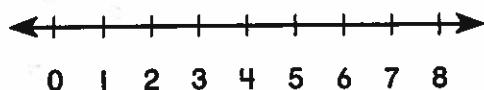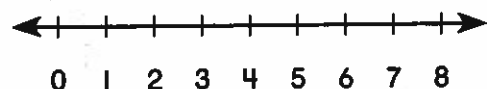Locate points on the number line to show the whole-number solutions from 0 to 8 for each inequality.

7. $x < 3$

0 1 2 3 4 5 6 7 8

8. $x \geq 6$

0 1 2 3 4 5 6 7 8

9. $x + 1 \leq 5$

0 1 2 3 4 5 6 7 8

10. $x + 2 > 4$

0 1 2 3 4 5 6 7 8

Solve.

11. An inequality has $g = 1$ as a solution, but $g = 2$ is not a solution. What is the inequality?

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12. The grocery store is selling frozen turkeys that weigh between 10 pounds and 20 pounds. Write two inequalities that together show the weights of the turkeys.

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Mixed Review

Round 4.9536 to the place named.

13. tenths

14. hundredths

15. thousandths

16. ones

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_____

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Find the sum or difference.

17. $0.8 + 0.31$

18. $9.7 - 2.56$

19. $2.25 + 1.78$

20. $5.42 - 2.7$

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