

Chapter 8 Test Review

Write the correct answer in the blank at the right of each question.

1. Which of the numbers 4, 5, or 6 is a solution of $x + 5 > 10$? 1. _____

2. Complete the table.

Input (x)	$3x - 2$	Output (y)
3	■	■
6	■	■
■	■	22

Input (x)	$3x - 2$	Output (y)
3		
6		
		22

2. _____

Find the rule for each function table.

3.

Input (x)	Output (y)
0	0
2	6
5	15

4.

Input (x)	Output (y)
4	1
12	3
20	5

5.

Input (x)	Output (y)
0	3
1	5
2	7

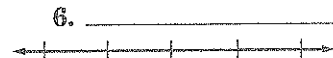
3. _____

4. _____

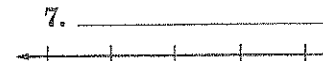
5. _____

Write an inequality to represent each situation. Then graph the inequality.

6. Anyone over age fourteen must buy an adult ticket.

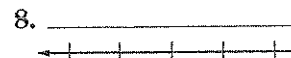


7. Kendra can spend at most \$8 on lunch.

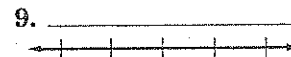


Solve each inequality. Then graph the solution on a number line.

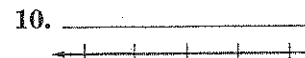
8. $a + 14 < 20$



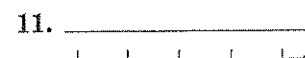
9. $c - 15 \geq 7$



10. $8m \leq 48$



11. $\frac{h}{5} > 9$



12. Riaz wants to spend no more than \$1,250 on his trip. The airfare is \$439. Write and solve an inequality to find the maximum amount he can spend on the rest of his trip.

12. _____

