

Name: _____ Period: _____

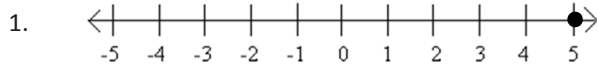
HW SE-2



The Doctor's Solution Set Homework



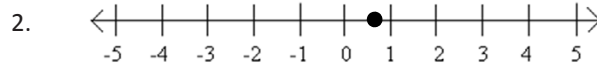
For each solution set graphed below, (a) describe the solution set in words, (b) describe the solution set in set notation, and (c) write an equation or an inequality that has the given solution set.



(a)

(b)

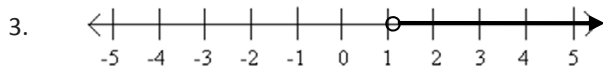
(c)



(a)

(b)

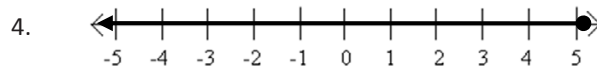
(c)



(a)

(b)

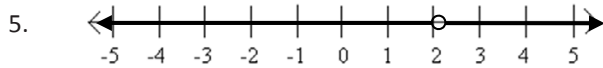
(c)



(a)

(b)

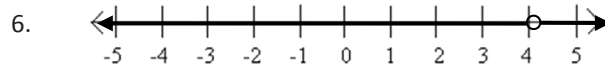
(c)



(a)

(b)

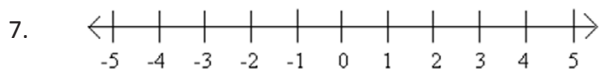
(c)



(a)

(b)

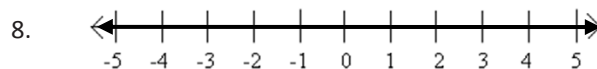
(c)



(a)

(b)

(c)






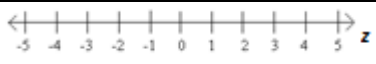
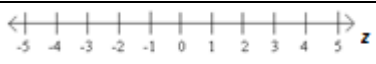
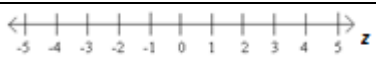
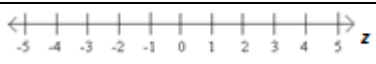


(a)

(b)

(c)

Fill in the chart below.

	SOLUTION SET IN WORDS	SOLUTION SET IN SET NOTATION	GRAPH
9. $z = 2$			
10. $z^2 = 4$			
11. $4z \neq 2$			
12. $z - 3 = 2$			
13. $z^2 + 1 = 2$			
14. $z = 2z$			
15. $z > 2$			
16. $z - 6 = z - 2$			
17. $z - 6 < -2$			
18. $4(z - 1) > 4z - 4$			