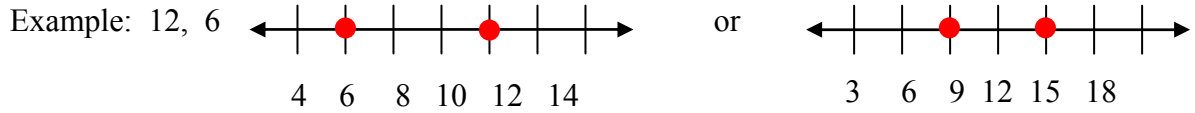


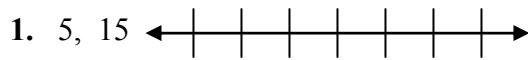
Worksheet on Whole Number Inequalities

I. Label the number line appropriately. Plot the numbers. Circle the phrase to complete the sentence and write the sentence using mathematical notation.

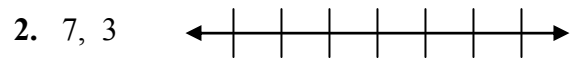


12 is less than is greater than 6

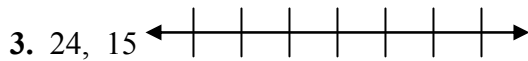
$$12 > 6$$



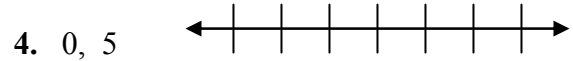
5 is less than is greater than 15



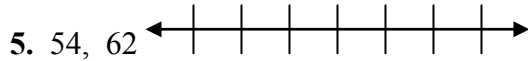
7 is less than is greater than 3



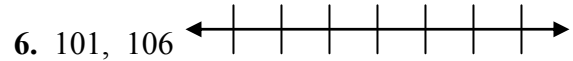
24 is less than is greater than 15



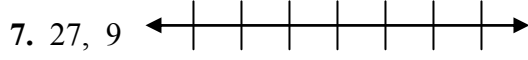
0 is less than is greater than 5



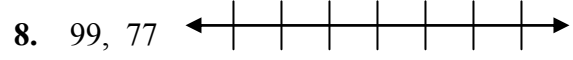
54 is less than is greater than 62



101 is less than is greater than 106



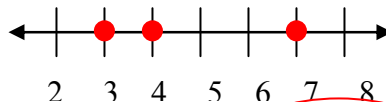
27 is less than is greater than 9



99 is less than is greater than 77

II. Label the number line appropriately. Plot the numbers. Circle the phrase to complete the sentence and write the sentence using mathematical notation. Then, if possible, write a single mathematical sentence.

Example: 7, 3, 4



7 is less than is greater than 3 and 3 is less than is greater than 4

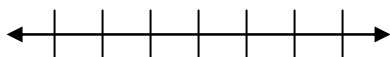
$$7 > 3$$

and

$$3 < 4$$

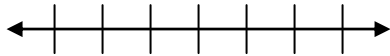
$$3 < 4 < 7$$

9. 3, 7, 5



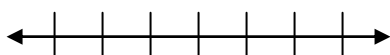
3 is less than is greater than 7 and 7 is less than is greater than 5

10. 15, 12, 9



15 is less than is greater than 12 and 12 is less than is greater than 9

11. 33, 35, 39



33 is less than is greater than 35 and 35 is less than is greater than 39

12. 44, 41, 46



44 is less than is greater than 41 and 41 is less than is greater than 46

ANSWERS

1. is less than; $5 < 15$ 3. is greater than; $24 > 15$ 5. is less than; $54 < 62$ 7. is greater than; $27 > 9$
9. is less than; is greater than; $3 < 7$; $7 > 5$; $3 < 5 < 7$ 11. is less than; is less than; $33 < 35$; $35 < 39$;
 $33 < 35 < 39$