

Number Systems and the Real Number Line

In problems 1 -4, write each set

1. A is the set of whole numbers less than 7
2. A is the set of natural numbers less than 20
3. A is the set of integers between -3 and 4
4. A is the set of odd natural numbers less than 11

In problem 5, plot the points in each set on a real number line

$$\left\{-3, -1, \frac{1}{2}, 3, 5.5\right\}$$

In problems 6-9, determine whether the statement is true or false

6. $-5 < -2$	7. $3 < -4$
8. $\frac{5}{2} = 2.5$	9. $-1 > 5$

In problems 10-12, evaluate

10. $ -6 $	11. $ 9 $
12. $- -2 $	