

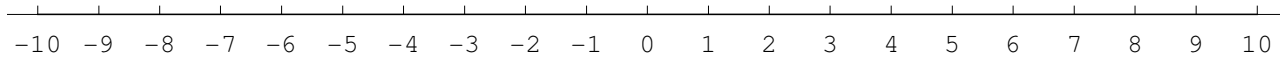
Name _____

[07-09-06-T10]

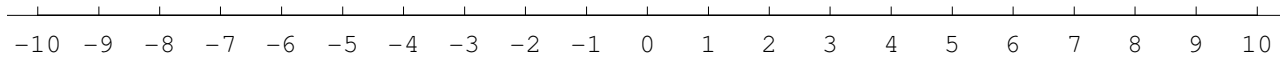
Interval notation

■ **A. Graph each solution set. and then write in interval notation. Answer on this sheet.**

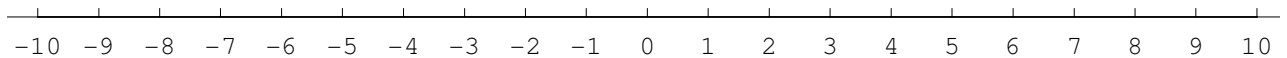
[1] $|x| > 2$



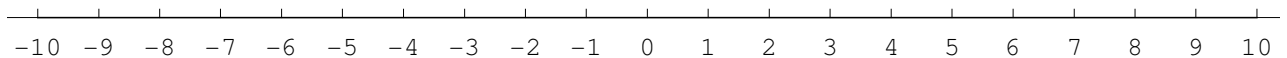
[2] $|x| < 5$



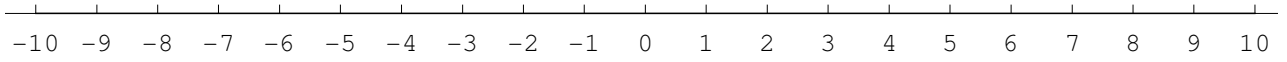
[3] $|x| \leq 2$



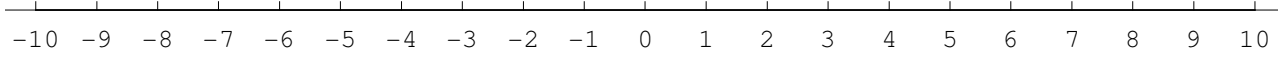
[4] $|x - 3| < 5$



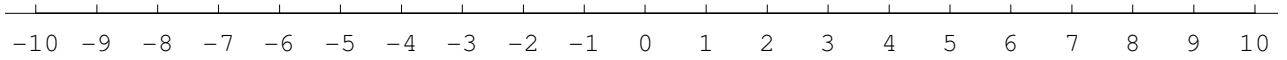
[5] $|x - 4| < 6$



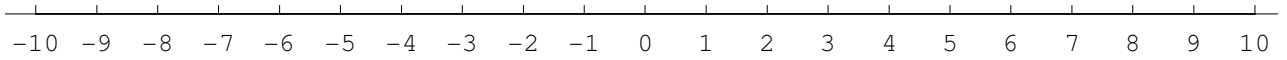
[6] $|x - 3| > 7$



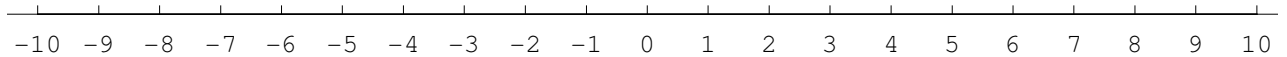
[8] $|x + 2| > 6$



[9] $|x + 8| < 3$



[10] $|2x - 3| < 12$



Name ANSWERS

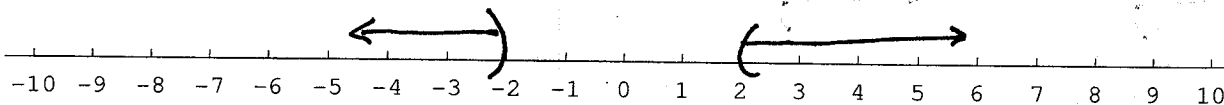
[07-09-06-T10]

Interval notation

■ A. Graph each solution set. and then write in interval notation. Answer on this sheet.

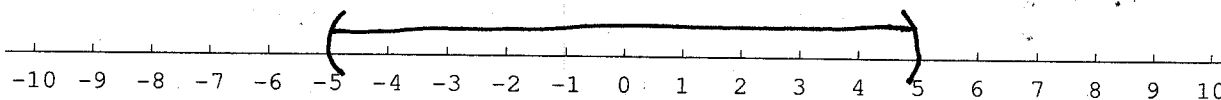
[1] $|x| > 2$

$(-\infty, 2) \cup (2, \infty)$



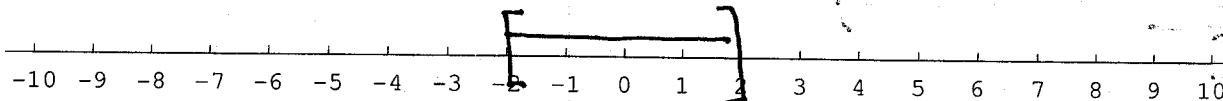
[2] $|x| < 5$

$(-5, 5)$



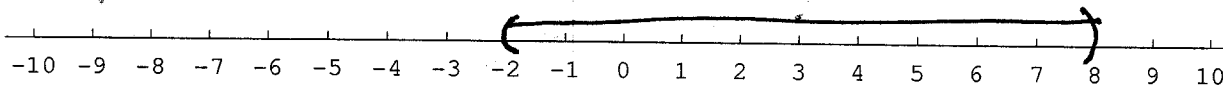
[3] $|x| \leq 2$

$[-2, 2]$



[4] $|x-3| < 5$

$(-2, 8)$

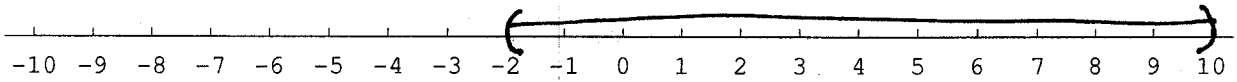


[5] $|x-4| < 6$



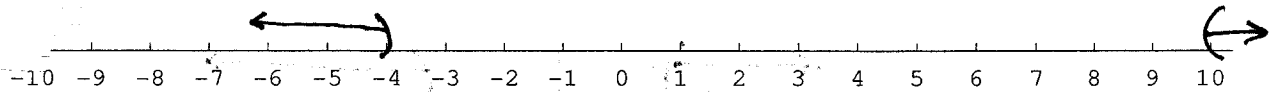
$$|x-4| < 6$$

$$(-2, 10)$$



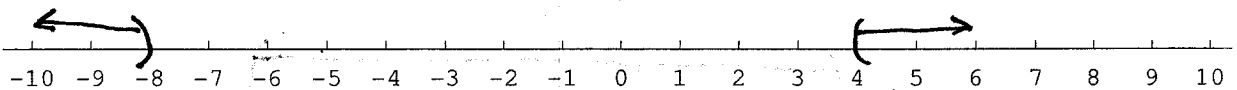
$$[6] |x-3| > 7$$

$$(-\infty, -4) \cup (10, \infty)$$



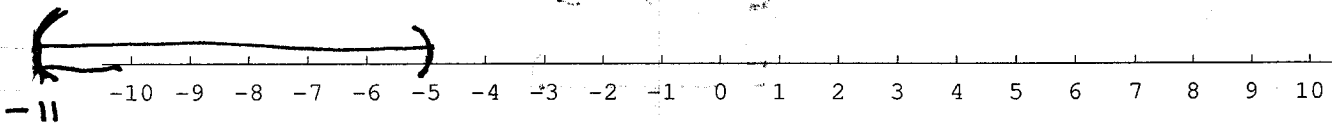
$$[8] |x+2| > 6$$

$$(-\infty, -8) \cup (4, \infty)$$



$$[9] |x+8| < 3$$

$$(-11, -5)$$



$$[10] |2x-3| < 12$$

$$\left(-\frac{9}{2}, \frac{15}{2}\right)$$

