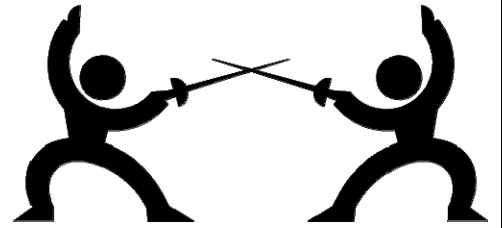


Name: _____

Date _____

Topic: Absolute Value Inequalities - Worksheet 1

Solve the following problems dealing with absolute value inequalities.



1. $6 > |4 + 2x|$

2. $3 < |6x - 3|$

3. $6 > |3x + 6|$

4. $2 < |2 + 4x|$

5. $|4 + 8x| > 4$

6. $6 < |2x + 3|$

7. $3 > |x + 9|$

8. $8 < |4x + 4|$

9. $6 > |3x - 12|$

10. $3 < |3x + 6|$



Name: _____

Date _____

Topic: Absolute Value Inequalities - Worksheet 2

Solve the following problems dealing with absolute value inequalities.

1. $8 > |2 + 4x|$

2. $4 < |2x - 6|$

3. $3 > |3x + 9|$

4. $4 < |8 + 2x|$

5. $|6 + 3x| > 6$

6. $9 < |3x + 3|$

7. $7 > |x + 8|$

8. $6 < |2x + 2|$

9. $10 > |5x - 5|$

10. $4 < |4x + 8|$



Name: _____

Date _____

Topic: Absolute Value Inequalities - Worksheet 3

Solve the following problems dealing with absolute value inequalities.

1. $5 > |3 + 2x|$

2. $8 < |2x - 4|$

3. $9 > |3x + 3|$

4. $6 < |3 + 2x|$

5. $|3 + 6x| > 9$

6. $10 < |2x + 6|$

7. $4 > |x + 3|$

8. $6 < |3x + 9|$

9. $7 > |2x - 5|$

10. $12 < |6x + 2|$



Name: _____

Date _____

Topic: Absolute Value Inequalities - Worksheet 4

Solve the following problems dealing with absolute value inequalities.

1. $9 > |3 + 6x|$

2. $4 < |8x - 4|$

3. $8 > |4x + 4|$

4. $10 < |5 + 5x|$

5. $|2 + 4x| > 6$

6. $6 < |2x + 4|$

7. $6 > |x + 4|$

8. $8 < |4x + 6|$

9. $8 > |4x - 2|$

10. $4 < |2x + 8|$



Name: _____

Date _____

Topic: Absolute Value Inequalities - Worksheet 5

Solve the following problems dealing with absolute value inequalities.

1. $6 > |2 + 4x|$

2. $3 < |6x - 3|$

3. $6 > |3x + 6|$

4. $2 < |2 + 4x|$

5. $|4 + 8x| > 4$

6. $12 < |3x + 9|$

7. $3 > |x + 6|$

8. $9 < |3x + 3|$

9. $6 > |3x - 12|$

10. $3 < |3x + 6|$

