

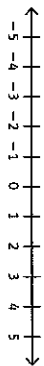
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|-------|-------|----------------------------|--|
| | | Monday's Warm-up | |
| WU | Part. | | |
| Stamp | Score | | |
| | Part. | | |
| | Score | | |
| | | Tuesday's Warm-up | |
| WU | Part. | | |
| Stamp | Score | | |
| WU | Part. | | |
| Stamp | Score | | |
| | | Wednesday's Warm-up | |
| WU | Part. | | |
| Stamp | Score | | |
| WU | Part. | | |
| Stamp | Score | | |
| | | Thursday's Warm-up | |
| WU | Part. | | |
| Stamp | Score | | |
| WU | Part. | | |
| Stamp | Score | | |
| | | Friday's Warm-up | |
| WU | Part. | | |
| Stamp | Score | | |
| WU | Part. | | |
| Stamp | Score | | |

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|-------|-------|-------|-------|-----------|
| HW | Part. | WU | Other | Comments: |
| Score | Score | Score | Score | |

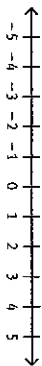
PRACTICE

Graph each inequality on the number line.

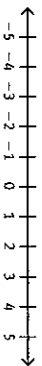
1. $x > -2$



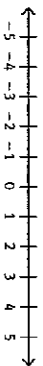
2. $x \leq -1$



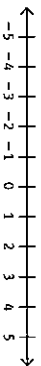
3. $x < 1$



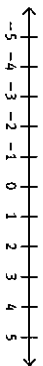
4. $-3 < x < 4$



5. $-1 < x \leq 1$



6. $x < -1$ or $x > 3$



7. $x < -2$ or $x > 1$



Tell if each ordered pair is a solution to the inequality.

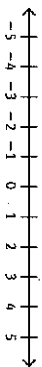
8. $y < x - 5$ (4, 9)

9. $y \geq x - 1$ (-2, -3)

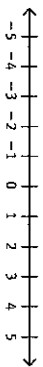
10. $y > x + 7$ (2, 8)

11. Use graphs and words to compare and contrast the solution sets of the inequalities below.

$-2 \leq x < 2$



$x > 2$ or $x \leq -2$

**Evaluating Algebraic Expressions**

In order to evaluate algebraic expressions, substitute each given value in the place of its corresponding variable. Then simplify the expression.

EXAMPLE AEvaluate $2a + 5b$ for $a = -1$ and $b = 3$.*Step 1: Substitute the values into the expression.*

$2a + 5b = 2(-1) + 5(3)$

Step 2: Multiply the pairs of numbers in the expression. Then simplify.

$2a + 5b = 2(-1) + 5(3) = -2 + 15 = 13$

Solution: After evaluating for $a = -1$ and $b = 3$, the expression $2a + 5b$ has a value of 13.**EXAMPLE B**Evaluate $-4x - 6y$ for $x = 4$ and $y = -2$.*Step 1: Substitute the values into the expression.*

$-4x - 6y = -4(4) - 6(-2)$

Step 2: Multiply the pairs of numbers in the expression. Then simplify.

$-4x - 6y = -4(4) - 6(-2) = -16 + 12 = -4$

Solution: After evaluating for $x = 4$ and $y = -2$, the expression $-4x - 6y$ has a value of -4.**PRACTICE**

Evaluate each expression for the given values.

1. $-a - 8b$ for $a = 2$ and $b = -2$

2. $a + 8$ for $a = 5$

3. $3x + 7$ for $x = -8$

4. $2x + 2y$ for $x = 9$ and $y = -4$

5. $11 - 3b$ for $b = 8$

6. $x + 3y$ for $x = 2$ and $y = 0$