**H. Geometry - Bellwork #29**

**Practice SAT Questions**

1.

If is a solution to the system of equations above and , what is the value of ?

2. If and , which of the following is equivalent to ?

A)

B)

C)

D)

3.

The expression above is equivalent to , where is a positive constant and . What is the value of ?

**Date: \_\_\_\_\_\_\_**

4. Intersecting lines and are shown below.

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What is the value of ?

5.

In the -plane, the graph of which of the following equations is perpendicular to the graph of the equation above?

A)

B)

C)

D)

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6.

In above, what is the length of segment AD?

A) 4

B) 6

C)

D)