Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date \_\_\_\_\_\_\_\_\_\_\_\_\_

Algebra 1 PTech

Cool Down

Factor each of the following.

1. 9x2 – 25 2. 36x2y2 – 16

3. $\frac{4}{9}x^{2}-81y^{2}$

Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date \_\_\_\_\_\_\_\_\_\_\_\_\_

Algebra 1 PTech



Unit 7 Lesson 4

Homework

 1. The expression  is equivalent to

2. The expression  is equivalent to

3. If Ann correctly factors an expression that is the difference of two perfect squares, her factors could be

|  |  |
| --- | --- |
| 1) |  |
| 2) |  |
| 3) |  |
| 4) |  |

Explain your choice:

4. When  is factored, it is equivalent to . What is a value for *b*?