7-5 Linear Inequalities in Two Variables

Warm Up

Solve.

1. $\log_{16} x = \dfrac{3}{2}$

2. $\log_x 1.331 = 3$

3. $\log 10{,}000 = x$

7-6 The Natural Base, e

Warm Up

Simplify.

1. $\log 10^x$

2. $\log_b b^{3w}$

3. $10^{\log z}$

4. $b^{\log_b(x-1)}$

5. $\left(\dfrac{1}{3}\right)3^{x+1}$

Holt Algebra 2

7-5 Linear Inequalities in Two Variables

Warm Up

Solve.

1. $\log_{16} x = \dfrac{3}{2}$ **64**

2. $\log_x 1.331 = 3$ **1.1**

3. $\log 10{,}000 = x$ **4**

7-6 The Natural Base, e

Warm Up

Simplify.

1. $\log 10^x$ **x**

2. $\log_b b^{3w}$ **3w**

3. $10^{\log z}$ **z**

4. $b^{\log_b (x-1)}$ **x − 1**

5. $\left(\dfrac{1}{3}\right) 3^{x+1}$ **3^x**

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