

Name \_\_\_\_\_

Date \_\_\_\_\_

Class \_\_\_\_\_

**14.1 & 14.2 Practice: Evaluating Expressions**

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Evaluate each expression. Show your work in the space below.

1.  $2\sqrt{25} + 3$

2.  $7 - 12\sqrt{\frac{1}{9}}$

3.  $3\left(\sqrt{\frac{48}{3}} - 2\right)$

4.  $24 + \left(\sqrt[3]{-1000}\right)^3$

5.  $13 + \left(\sqrt[3]{125}\right)^3$

6.  $2\frac{2}{3} - \left(\sqrt[3]{\frac{1}{27}}\right)^3$

**Substitute the value of the variable and evaluate each expression. Show your work in the space below.**

7.  $2b - \sqrt[3]{9b}, b = -3$

8.  $\sqrt[3]{8y} + y, y = 64$