**7-5 Skills Practice**

***Properties of Logarithms***

**Use 3 ≈ 1.5850 and 5 ≈ 2.3219 to approximate the value of each expression.**

**1.**  25 **2.**  27

**3.**  **4.**

**5.**  15 **6.**  45

**7.**  75 **8.**  0.6

**9.**  **10.**

**Solve each equation. Check your solutions.**

**11.**  27 = 3 *x* **12.** 3 4 = 2 *b*

**13.**  5 + *x* = 60 **14.**  2*c* + 8 = 80

**15.**  *y* – 8 = 1 **16.**  *q* – 3 = 7

**17.**  4 + 2 5 = *w* **18.** 3 2 – 4 = *b*

**19.**  *x* + (3*x* – 5) = 2 **20.**  *x* + (2*x* – 3) = 2

**21.**  *d* + 3 = 3 **22.**  *y* – (2 – *y*) = 0

**23.**  *r* + 2 5 = 0 **24.**  (*x* + 4) – (*x* – 3) = 3

**25.**  (*n* + 1) – (*n* – 2) = 1 **26.**  10 + 12 = 3 2 + *a*