**Name:**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**Date:**\_\_\_\_\_\_\_\_\_\_\_\_\_\_**Period:**\_\_\_\_\_\_\_\_\_\_

**SOLVING INEQUALITIES BY MULTIPLICATION AND DIVISION**

**Worksheet 349**

**Solve each inequality. Then check your solution.**

**1.**  ≤ 2 **2.** – > 22 **3.** *h* – 3 **4.** – < – 6

**5.** *n* ≥ 10 **6.** – *b* < **7.** < **8.** –2.51 ≤ –

**9.** ≥ – 2 **10.** – > – **11.** ≥ 5.4 **12.** – 6

**Write an inequality, and solve each problem. Then check your solution.**

**13.** Half of a number is at least 14.

**14.** The opposite of one-third a number is greater than 9.

**15.** One fifth of a number is at most 30.

**Name:**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**Date**:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**Period:**\_\_\_\_\_\_\_\_\_

**SOVLING INEQUALITIES USING MULTIPLICATION AND DIVISION**

**Worksheet 350**

**Solve each inequality. Then check your solution.**

**1.** 25*g* ≥ –100 **2.** –2*x* ≥ 9 **3.** –5*c* > 2 **4.** –8*m* < –64

**5.** –6*k* < **6.** 18 < –3*b* **7.** 30 < –3*n* **8.** –0.24 < 0.6*w*

**9.** 25 ≥ –2*m*  **10.** –30 > –5*p* **11.** –2*n* ≥ 6.2 **12.** –35 < 0.05*h*

**13.** –40 > 10*h* **14.** – *n* 6 **15.** –3 <

**Write an inequality, and solve each problem. Then check your solution.**

**16.** Four times a number is no more than 108.

**17.** The opposite of three a number is greater than 12.

**18.** Negative five times a number is at most 100.