Operations with Rational Numbers STUDY GUIDE Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_ Block: \_\_\_

 **1.** 72.85 ÷ 4.7 = \_\_\_\_\_\_\_\_\_\_\_\_\_

 **2.** −4.8(5.34) = \_\_\_\_\_\_\_\_\_\_\_\_\_

 **3.** 83.4 + (−23.8) = \_\_\_\_\_\_\_\_\_\_\_\_\_

 **4.** −43.23 – (−6.2) = \_\_\_\_\_\_\_\_\_\_\_\_\_

 **5.** −32.04 − 5.6 = \_\_\_\_\_\_\_\_\_\_\_\_\_

 **6.** −47.54(−8.2) = \_\_\_\_\_\_\_\_\_\_\_\_\_

 **7.** 83.4 + (−24.7) = \_\_\_\_\_\_\_\_\_\_\_\_\_

 **8.** −32.25 ÷ 7.5 = \_\_\_\_\_\_\_\_\_\_\_\_\_

 **9.** − $\frac{1}{7}$ − $\frac{5}{7}$= \_\_\_\_\_\_\_\_\_\_\_\_\_

 **10.** $\frac{5}{9}$ × $\left(-\frac{3}{4}\right)$= \_\_\_\_\_\_\_\_\_\_\_\_\_

**11.** − $\frac{7}{12}$ ÷ $\frac{5}{6}$= \_\_\_\_\_\_\_\_\_\_\_\_\_

**12.** 6$\frac{3}{4}$ − 3$\frac{2}{3}$= \_\_\_\_\_\_\_\_\_\_\_\_\_

**13.** 4 + $\left(-6\frac{3}{5}\right)$= \_\_\_\_\_\_\_\_\_\_\_\_\_

**14.** − $\frac{2}{3}$ + $\frac{5}{9}$= \_\_\_\_\_\_\_\_\_\_\_\_\_

**15.** −4$\frac{2}{3}$ ÷ 2$\frac{1}{5}$= \_\_\_\_\_\_\_\_\_\_\_\_\_

**16.** − $\frac{5}{6}$ × 7$\frac{5}{12}$= \_\_\_\_\_\_\_\_\_\_\_\_\_