Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date \_\_\_\_\_\_\_\_\_\_

Mr. Tallman Math 7

**Homework #15 – Multiplying and Dividing Fractions**

**Evaluate the following. SHOW ALL WORK.**

|  |  |  |
| --- | --- | --- |
| 1) $\frac{3}{4}∙\left(-\frac{1}{2}\right)$ | 2) $\left(-\frac{2}{3}\right)÷\left(\frac{3}{2}\right)$ | 3) $-\frac{5}{7}∙\left(-\frac{7}{5}\right)$ |
| 4) $-2÷\left(\frac{5}{8}\right)$ | 5) $3\frac{5}{6}∙\left(-1\frac{6}{7}\right)$ | 6) $-4\frac{1}{2}+\left(-6\frac{3}{4}\right)$ |
| 7) $\frac{4}{5}∙\left(-\frac{30}{16}\right)$ | 8) $\frac{7}{8}-\left(-\frac{5}{6}\right)$ | 9) $-5\frac{2}{3}÷\left(-2\frac{1}{2}\right)$ |

10) A diver is currently at $5\frac{1}{2}$ feet below sea level. He dives to be at a depth of three times the depth he is currently situated. What is the current depth of the diver?