

Name _____

Extra Practice - Fractions and Decimals

#10

$$1) \frac{9}{20} - \left(-\frac{5}{16}\right) =$$

$$-\frac{36}{80} - \left(-\frac{25}{80}\right) = \frac{-36+25}{80} =$$

$$\boxed{\frac{-11}{80}}$$

$$7) \frac{17}{56} \div -\frac{51}{64} =$$

$$\frac{17}{56} \cdot -\frac{64}{51} = \boxed{\frac{-8}{21}}$$

$$2) \frac{8}{30} + \left(-\frac{6}{3}\right) =$$

$$\frac{24}{90} + \left(-\frac{180}{90}\right) = \frac{24-180}{90} = \frac{-156}{90} =$$

$$\boxed{\frac{-26}{15}}$$

$$8) -3\frac{1}{9} - 4\frac{2}{3} =$$

$$-\frac{28}{9} - \frac{14}{3} = -\frac{28}{9} - \frac{42}{9} = \boxed{\frac{-70}{9}}$$

$$3) 8.93 + 16 =$$

$$\begin{array}{r} 16.00 \\ + 8.93 \\ \hline \end{array}$$

$$\boxed{24.93}$$

$$9) .256 \cdot 3.7 =$$

$$\begin{array}{r} .256 \\ \times 3.7 \\ \hline 1792 \\ 768 \\ \hline .9472 \end{array}$$

$$= \boxed{.9472}$$

$$4) -11 - 5\frac{3}{5} =$$

$$-\frac{11}{1} - \frac{28}{5} = \frac{-55}{5} - \frac{28}{5} = \boxed{\frac{-83}{5}}$$

$$10) 8 - \left(-\frac{5}{8}\right) =$$

$$8 + \frac{5}{8} = \boxed{8\frac{5}{8}} \text{ or } \boxed{\frac{69}{8}}$$

$$5) \frac{1}{2} \cdot -\frac{5}{8} = \boxed{-\frac{5}{16}}$$

$$11) -\frac{2}{5} + \frac{3}{15} =$$

$$-\frac{6}{15} + \frac{3}{15} = \frac{-3}{15} = \boxed{-\frac{1}{5}}$$

$$6) 6.031 \div 1.63 = \boxed{3.7}$$

$$\begin{array}{r} 1.63 \overline{) 6.031} \\ \underline{489} \\ 1141 \\ \underline{1141} \\ 0000 \end{array}$$

$$12) 5.008 - 2.47 =$$

$$\begin{array}{r} 5.008 \\ - 2.470 \\ \hline 2.538 \end{array}$$

$$\boxed{2.538}$$