NAME _____ QUARTER 1

GRADE & SECTION _____ DATE _____

Activity: Operations in Rational Numbers

A. Perform the following operations and simplify your answers.

1) $\frac{2}{3}+\frac{7}{2}=\frac{2(\square)+7(\square)}{(\square)(\square)}=\frac{\square+\square}{\square}=\frac{\square}{\square}$

2) $-\frac{4}{5}+\frac{7}{10}=\frac{-4(\square)+7(\square)}{(\square)(\square)}=\frac{\square+\square}{\square}=\frac{\square}{\square}=\frac{\square}{\square}$

3) $\frac{6}{5}-5=\frac{(\square)(\square)-(\square)(\square)}{(\square)(\square)}=\frac{\square-\square}{\square}=\frac{\square}{\square}$

4) $-\frac{7}{4}-\frac{3}{2}=\frac{(\square)(\square)-(\square)(\square)}{(\square)(\square)}=\frac{\square-\square}{\square}=\frac{\square}{\square}=\frac{\square}{\square}$

5) $\frac{2}{3}\cdot\left(-\frac{7}{4}\right)=\frac{\square}{\square}=\frac{\square}{\square}$

6) $-4\cdot\left(-\frac{3}{2}\right)=\frac{\square}{\square}=\square$

7) $-\frac{3}{4}\div\frac{2}{5}=\frac{\square}{\square}$

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LIVEWORKSHEETS