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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