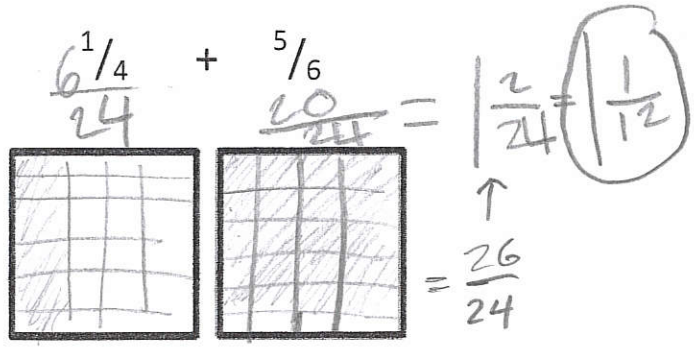Name: Kianna "KEY-anna" #: ___ Rm: ___

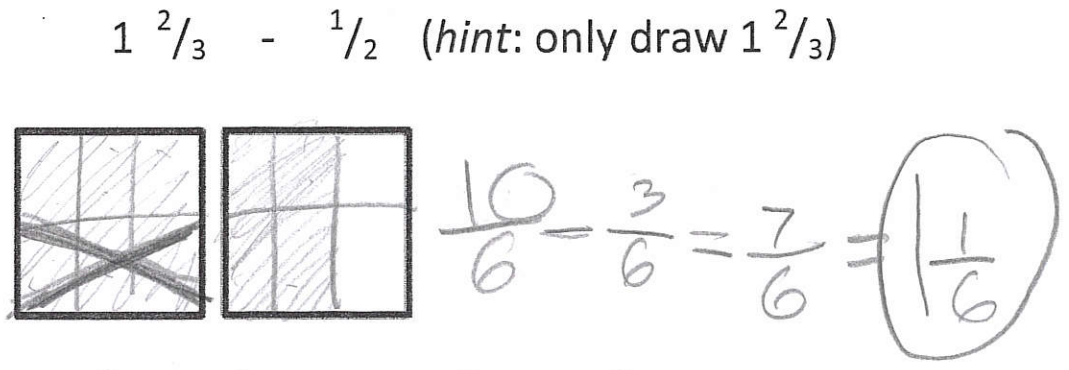Fifth Grade Concept 4 Review C

Solve each problem (show work) and **draw a model** to show your thinking.

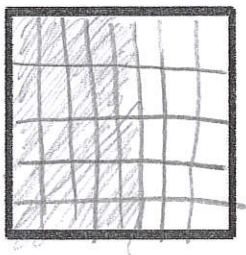1. $6^1/_4$ + $^5/_6$

$\frac{6}{24}$ $\frac{20}{24}$ = $1\frac{2}{24} = \boxed{1\frac{1}{12}}$

$= \frac{26}{24}$

2. $1^2/_3$ - $^1/_2$ (*hint*: only draw $1^2/_3$)

$\frac{10}{6} - \frac{3}{6} = \frac{7}{6} = \boxed{1\frac{1}{6}}$
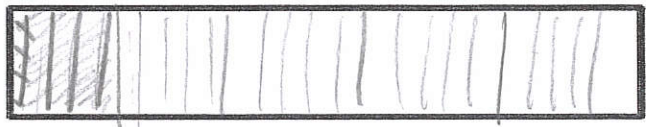
3. $^3/_5$ x $^5/_8$ (*think*: $^3/_5$ **of** $^5/_8$)

$\frac{3 \times 5}{15 \times 8} = \boxed{\frac{3}{8}}$

4. $^1/_5$ ÷ 5 (*think*: fraction ÷ whole number = **fraction**)

$\frac{1}{5} \times \frac{1}{5} = \boxed{\frac{1}{25}}$

Solve each problem (show work). Put answer in simplest form.

5. $3 \frac{1}{4} \times 2 \frac{2}{5}$ (*Hint:* change to improper fractions – simplify before multiplying)

$$\frac{13 \times 12}{14 \times 5} = \frac{39}{5} = \boxed{7\frac{4}{5}}$$

$$5\overline{)39} \quad \frac{4}{\begin{array}{r}39\\35\\\hline 4\end{array}}$$

6. $4 \frac{1}{2} - 2 \frac{3}{4}$ (*Reminder:* There are two methods – regrouping or improper fractions)

$$\frac{9}{2} \times \frac{2}{2} = \frac{18}{4}$$

$$\frac{11}{4} = \boxed{1\frac{3}{4}}$$

7. $6 \div \frac{1}{4}$ (*Think:* whole number ÷ fraction = whole number)

$$6 \times 4 = \boxed{24}$$

8. $\frac{3}{4} \div \frac{1}{6}$ (*Hint:* Multiply to solve – use the reciprocal)

$$\frac{3}{4} \times \frac{6}{1} = \frac{18}{4} = 4\frac{2}{4} = \boxed{4\frac{1}{2}}$$