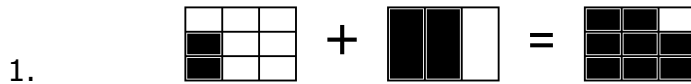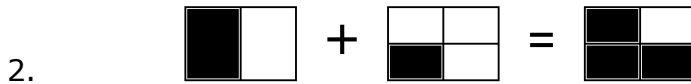Name_____ Date _____

Adding and Subtracting Fractions and Decimals
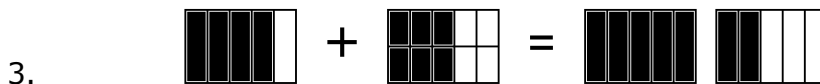*Independent Practice – Answer Key*

In questions 1 – 4, write an expression to match the fraction model.
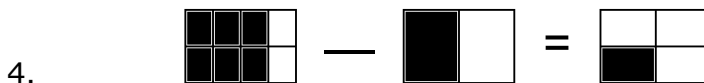
1.

$$\frac{2}{9} + \frac{2}{3} = \frac{8}{9}$$

2.

$$\frac{1}{2} + \frac{1}{4} = \frac{3}{4}$$

3.

$$\frac{4}{5} + \frac{6}{10} = 1\frac{2}{5}$$

4.

$$\frac{6}{8} + \frac{1}{2} = \frac{1}{4}$$

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In questions 5 – 8, perform the indicated operation.

5. $3\frac{1}{8} + \frac{1}{6} = $ **_$3\frac{7}{24}$_**

7. $\frac{3}{10} + \frac{1}{2} = $ **_$\frac{4}{5}$_**

6. $3\frac{3}{4} - 1\frac{1}{2} = $ **_$2\frac{1}{4}$_**

8. $\frac{9}{11} - \frac{1}{3} = $ **_$\frac{16}{33}$_**

The table below shows the length of time five students spent on their project. Use the table below for questions 9 – 12.

Time Spent on School Project

Student	Number of Hours Spent
Tyrone	4.5 hrs
Rosa	$3\frac{3}{4}$ hrs
Cody	4.25 hrs
Lonnie	$4\frac{7}{8}$ hrs
Esmeralda	3.5 hrs

9.   About how many hours total were spent by all five students on the school project?

   22 hours

11. How much longer did Cody spend on his project than Rosa?

   $\frac{1}{2}$ hours or 0.5 hours

10. How many total hours did Tyrone and Lonnie spend on their project?

   $9\frac{3}{8}$ hours or 9.375 hours

12. How much longer did Lonnie take to finish his project than Rosa?

   $1\frac{1}{8}$ hours

Name_____ Date _____

Solve the problems in questions 13 – 15.

13. Last week, Penelope talked on her cell phone for $10\frac{7}{8}$ hours. This week she has talked on her cell phone for 6.5 hours. How many total hours has she talked her cell phone?

$$17\frac{3}{8} \textbf{ \textit{hours or 17.375 hours}}$$

14. Kurt had $45 to spend on gifts for his family. He wants to buy his sister a purse for $24.95, his mom a necklace for $15.15, and his dad a shirt for $17.80. How much more money does Kurt need to buy all three gifts?

$12.90

15. Roxie has a bag of marbles. Of the marbles, $\frac{1}{4}$ are blue, $\frac{1}{3}$ are red and the rest are yellow. What fraction of the marbles is yellow?

$$\frac{5}{12}$$