Student Name: _____ Score:

Mixed Review

$\frac{3}{4} + \frac{1}{2} =$ ☐ $\frac{9}{5} - \frac{1}{3} =$ ☐ $\frac{2}{5} \times \frac{2}{7} =$ ☐

$\frac{6}{8} \div \frac{3}{4} =$ ☐ $\frac{6}{7} - \frac{4}{7} =$ ☐ $\frac{5}{6} + \frac{3}{5} =$ ☐

$\frac{1}{9} \times 18 =$ ☐ $\frac{4}{7} \div \frac{8}{9} =$ ☐ $\frac{9}{2} - \frac{3}{2} =$ ☐

$\frac{12}{5} \div \frac{5}{2} =$ ☐ $\frac{3}{8} \times \frac{4}{9} =$ ☐ $\frac{2}{9} + \frac{5}{6} =$ ☐

$\frac{13}{5} - \frac{3}{5} =$ ☐ $\frac{4}{7} \times \frac{7}{10} =$ ☐ $3 \div \frac{15}{9} =$ ☐

Student Name: _____ Score:

Mixed Review

$\frac{4}{5} + \frac{1}{6} =$ ☐ $1 - \frac{3}{4} =$ ☐ $\frac{3}{8} \times \frac{1}{9} =$ ☐

$12 \div \frac{4}{8} =$ ☐ $\frac{1}{2} - \frac{3}{11} =$ ☐ $\frac{5}{7} + \frac{2}{3} =$ ☐

$\frac{2}{5} \times \frac{5}{12} =$ ☐ $\frac{6}{15} \div \frac{5}{6} =$ ☐ $\frac{14}{7} - \frac{8}{7} =$ ☐

$\frac{21}{3} \div \frac{3}{6} =$ ☐ $\frac{4}{13} \times \frac{2}{5} =$ ☐ $4 + \frac{3}{5} =$ ☐

$\frac{15}{8} - \frac{7}{4} =$ ☐ $\frac{3}{5} \times 15 =$ ☐ $\frac{9}{7} \div \frac{3}{14} =$ ☐

Student Name: _____ Score:

Multiplying and Dividing Fractions

$\frac{2}{6} \times \frac{3}{5} =$ ☐

$\frac{3}{8} \div \frac{2}{4} =$ ☐

$\frac{4}{9} \times \frac{6}{2} =$ ☐

$\frac{2}{3} \div \frac{3}{4} =$ ☐

$5 \times \frac{10}{3} =$ ☐

$\frac{9}{4} \div \frac{1}{6} =$ ☐

$\frac{8}{9} \times \frac{5}{8} =$ ☐

$\frac{4}{18} \div \frac{2}{9} =$ ☐

$\frac{3}{4} \times \frac{2}{5} =$ ☐

$12 \div \frac{4}{6} =$ ☐

$\frac{15}{3} \times \frac{6}{9} =$ ☐

$\frac{6}{8} \div \frac{15}{5} =$ ☐

$\frac{7}{13} \times \frac{1}{7} =$ ☐

$\frac{6}{11} \div \frac{5}{11} =$ ☐

$\frac{2}{7} \times 21 =$ ☐

Student Name: _____ Score:

Multiplying and Dividing Fractions

$\frac{5}{8} \div \frac{5}{4} =$ ☐ $\frac{4}{3} \times 15 =$ ☐ $\frac{7}{9} \div \frac{14}{3} =$ ☐

$\frac{15}{7} \times \frac{7}{6} =$ ☐ $\frac{11}{6} \div \frac{1}{8} =$ ☐ $\frac{8}{3} \times \frac{2}{12} =$ ☐

$\frac{4}{6} \div \frac{3}{6} =$ ☐ $\frac{16}{8} \times \frac{1}{2} =$ ☐ $\frac{9}{7} \div 18 =$ ☐

$\frac{2}{11} \times 5 =$ ☐ $\frac{3}{18} \div \frac{8}{9} =$ ☐ $\frac{1}{3} \times \frac{12}{19} =$ ☐

$4 \div \frac{16}{7} =$ ☐ $\frac{4}{5} \times \frac{5}{4} =$ ☐ $\frac{10}{9} \div \frac{2}{3} =$ ☐

 Name_____

Add/Subtracting Fractions and Mixed Numbers

Date_____ Period____

Evaluate each expression.

1) $\frac{5}{4} - \frac{3}{4}$

2) $\frac{3}{2} - \frac{1}{2}$

3) $\frac{2}{5} + \frac{4}{5}$

4) $\frac{1}{3} - \frac{1}{3}$

5) $6 - \frac{1}{6}$

6) $\frac{1}{2} - \frac{1}{2}$

7) $\frac{1}{5} + \frac{1}{5}$

8) $\frac{7}{6} - \frac{5}{6}$

9) $\left(-\frac{4}{5}\right) - \frac{7}{8}$

10) $\frac{1}{3} - \left(-\frac{5}{3}\right)$

11) $\left(-\frac{1}{3}\right) + \frac{3}{8}$

12) $\left(-\frac{10}{7}\right) + \frac{1}{6}$

13) $\frac{9}{5} + \left(-\frac{4}{3}\right)$

14) $2 - \frac{13}{8}$

Name: _____

Mixed Review for Fraction Operations using Problem Solving

1. Steven says "I would rather have 5/9 of $72 than 4/6 because I will get more to spend." Is he correct?

2. A pan of brownies was left out on the counter and 1/4 of the brownies were eaten. Then you came along and ate 2/3 of the brownies that were left. How much of the whole pan of brownies was eaten?

3. You have 6 donuts and you want to give 2/3 of them to a friend and keep 1/3 for yourself. How many donuts would your friend get? That is, how much is 2/3 of 6?

4. Mrs. Smith's class is making vests. Each vest uses 2/3 of a yard of fabric. How many vests can they make out of 18 yards of fabric?

5. A rectangle measures 4 2/3 x 3 3/7 inches. What is its area? Give your answer as a simplified mixed number or as a whole number.

6. Your class had a pizza party. 3/8 of one pizza was left over, and 4/8 of another pizza was left over. You put them both into one box. How much pizza do you have altogether?

7. A cake recipe requires 3/5 cup of sugar for the frosting and 1/5 cup of sugar for the cake. How much sugar is that altogether?

8. You walk 3/10 of a mile to your friend's house, and then 1/2 of a mile to school. How far did you walk altogether?

9. After a party, 5/8 of the cake is left over. That night, big brother eats 1/3 of the cake that was left. How much is left over after that?

10. You have 7 5/8 feet of yarn to make a bracelet. You only use 4 1/8 yards for the bracelet. How much yarn is left over?

11. Jamar is trying to fit his encyclopedia on a shelf. Each book in his encyclopedia is 2¼ inches thick. The self is 2¼ feet wide. How many books will Jamar be able to fit?

12. The Hubba Bubba Bubble Gum Tape is 6 feet long. How many 2¼ inch pieces can the tape be cut into?

13. My garden is planted with flowers. 5/6 of the flowers are roses. 2/3 of the roses are yellow and the rest are red. What fraction of the roses are red?

14. Chris has a 3 ½ feet long board of wood. He needs to cut out 4 pieces that are each 2/3 foot long. Find the combined length of the 4 pieces. Does he have enough wood?

15. Maria needs ¾ of a cup of sugar for one serving of her recipe. How many cups of sugar will she need for 5 servings?