Lesson 5 ~ Operations with Mixed Numbers

Name_____ Period_____ Date_____

Find each sum, difference, product or quotient. Write your answer in simplest form.

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

2. $(1\frac{1}{3})(2\frac{1}{2})$

3. $3\frac{1}{3} - 1\frac{1}{5}$

4. $4\frac{3}{8} \div 1\frac{1}{4}$

5. $5(2\frac{1}{6})$

6. $4\frac{2}{3} + 1\frac{5}{6}$

7. $2 - 1\frac{1}{4}$

8. $3\frac{1}{2} + \frac{7}{12}$

9. $6\frac{1}{4} \div 5$

10. $3\frac{3}{4} + 5\frac{3}{8}$

11. Emily bought $1\frac{3}{4}$ pounds of bananas and $2\frac{5}{8}$ pounds of apples. How many total pounds of fruit did Emily buy?

12. The hardware store ordered $9\frac{1}{4}$ pounds of nails. They sold $4\frac{1}{2}$ pounds over the weekend. How many pounds of nails are still available at the store?

13. Sam is on a new exercise plan. He has lost $2\frac{1}{5}$ pounds each week for the past 6 weeks. How many total pounds has he lost?

14. Olivia bought $10\frac{2}{3}$ feet of ribbon to cut up and share with her volleyball team. She needs $1\frac{1}{3}$ feet of ribbon for each of her teammates. How many ribbons will she be able to cut for her teammates?