

Additional Practice

6.4

NAME _____

Module 6 Computational Fluency of Fractions
Lesson 4 Adding and Subtracting Mixed Numbers

Model to solve.

1. $1\frac{1}{4} + 2\frac{1}{8}$

Evaluate the expression.

2.
$$\begin{array}{r} 3\frac{1}{8} \\ +4\frac{5}{8} \\ \hline \end{array}$$

3.
$$\begin{array}{r} 5\frac{1}{4} \\ +4\frac{1}{3} \\ \hline \end{array}$$

4.
$$\begin{array}{r} 6\frac{1}{3} \\ +2\frac{3}{7} \\ \hline \end{array}$$

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

6. $4\frac{3}{8} + 2\frac{3}{4}$

7. $15\frac{1}{2} + 7\frac{4}{9}$

8. Charlotte ordered $9\frac{1}{2}$ pounds of cocktail shrimp and $3\frac{1}{8}$ pounds of crab dip from a local fish store for a party. How many total pounds did she purchase?

9. Michael needs a total of $12\frac{1}{2}$ feet of wire to complete a project. He has three pieces of wire: $2\frac{3}{4}$ feet, $5\frac{1}{2}$ feet and $3\frac{7}{12}$ feet. Does he have enough wire to complete the project? Why or why not?

Model to solve.

10. $3\frac{1}{3} - 1\frac{2}{3}$

Evaluate the expression.

11. $6\frac{5}{9} - 3\frac{2}{9}$

12. $7\frac{1}{2} - 5\frac{7}{8}$

13. $8\frac{2}{3} - 4\frac{2}{5}$

14.
$$\begin{array}{r} 4\frac{1}{8} \\ -2\frac{5}{6} \\ \hline \end{array}$$

15.
$$\begin{array}{r} 9 \\ -1\frac{5}{8} \\ \hline \end{array}$$

16.
$$\begin{array}{r} 12\frac{3}{5} \\ -7\frac{3}{4} \\ \hline \end{array}$$

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17. De'shan entered a fishing competition. The weight of his largest fish was $12\frac{1}{2}$ pounds. The winner of the competition had a fish that weighed $21\frac{3}{10}$ pounds. How much more did the winning fish weigh than De'shan's?
18. Joann is planning a trip to the horse farm. Her vehicle can tow $4\frac{1}{5}$ tons. The horse trailer she has weighs $2\frac{1}{4}$ tons, and she is expecting to carry about $\frac{1}{4}$ ton of supplies in the trailer. What is the maximum additional weight she can load into the trailer?