

## HOMEWORK

Simplify each expression.

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

2.  $8\frac{1}{4} + (4\frac{1}{9} + \frac{3}{4})$  \_\_\_\_\_

Evaluate each expression for the given value. Use the properties of operations.

3.  $1\frac{4}{9} + t + 2\frac{2}{9}$ , when  $t = 3\frac{1}{3}$  \_\_\_\_\_

4.  $h + 4\frac{2}{18} - 1\frac{1}{4}$ , when  $h = 3\frac{3}{4}$  \_\_\_\_\_

## Problem Solving

5. Peyton's photo album has  $6\frac{1}{2}$  pages of family photos and  $f$  pages of photos of friends. Write an expression that shows the total number of pages in Peyton's album. Then evaluate the expression if there are  $3\frac{1}{2}$  pages of photos of friends.
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6. Levi has  $1\frac{1}{4}$  cups of milk. Does he have enough milk to make all three smoothie recipes? Explain.

**Berry Yogurt Smoothie**  
★★★★★

- $\frac{3}{8}$  c Yogurt
- $\frac{2}{3}$  c milk
- $\frac{1}{4}$  c blueberries

**Peanut Butter Smoothie**  
★★★★★

- $\frac{1}{4}$  c peanut butter
- $\frac{1}{2}$  c banana
- $\frac{3}{4}$  c milk

**Strawberry Smoothie**  
★★★★★

- $\frac{3}{8}$  c milk
- $\frac{1}{2}$  c strawberries
- $\frac{1}{8}$  c protein powder

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## Write About It

7. Describe how the properties of operations helped you use mental math in this lesson.
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