MY Homework

Homework Helper

eHelp

Need help? 🔗 **connectED.mcgraw-hill.com**

Find $4\frac{3}{8} + 7\frac{1}{4}$.

1 Write an equivalent fraction for $7\frac{1}{4}$ so that the fractions all have the same denominators. The LCD is 8.

$7\frac{1}{4} = 7\frac{1 \times 2}{4 \times 2} = 7\frac{2}{8}$ Write an equivalent fraction with a denominator of 8.

2 Add.

$4\frac{3}{8} + 7\frac{1}{4} = 4\frac{3}{8} + 7\frac{2}{8}$ Write $7\frac{1}{4}$ as $7\frac{2}{8}$.

$\qquad = 4 + 7 + \frac{3}{8} + \frac{2}{8}$ Group the wholes and the fractions together.

$\qquad = 11\frac{5}{8}$

So, $4\frac{3}{8} + 7\frac{1}{4} = 11\frac{5}{8}$.

Practice

Estimate, then add. Write each sum in simplest form.

1. $2\frac{1}{10} + 5\frac{7}{10} =$ _____

2. $9\frac{3}{4} + 8\frac{3}{4} =$ _____

3. $3\frac{5}{8} + 6\frac{1}{2} =$ _____

4. $1\frac{1}{12} + 4\frac{5}{12} =$ _____

5. $11\frac{3}{5} + 6\frac{4}{15} =$ _____

6. $9\frac{1}{2} + 12\frac{11}{20} =$ _____

Problem Solving

7. A flower is $9\frac{3}{4}$ inches tall. In one week, it grew $1\frac{1}{8}$ inches. How tall is the flower at the end of the week? Write in simplest form.

_____

8. Find *ten and three-sevenths* plus *eighteen and two-sevenths.* Write in words in simplest form.

_____

9. **Mathematical PRACTICE 6** **Explain to a Friend** Connor is filling a 15-gallon wading pool. On his first trip, he carried $3\frac{1}{12}$ gallons of water. He carried $3\frac{5}{6}$ gallons on his second trip and $3\frac{1}{2}$ gallons on his third trip. Suppose he carries 5 gallons on his next trip. Will the pool be filled? Explain.

_____

_____

_____

My Work!

Test Practice

10. Benjamin had $2\frac{1}{3}$ gallons of fruit punch left after a party. He had $1\frac{3}{4}$ gallons of lemonade left. How many total gallons did he have left?

  Ⓐ $4\frac{1}{12}$ gallons   Ⓒ $1\frac{5}{12}$ gallons

  Ⓑ $3\frac{1}{12}$ gallons   Ⓓ $\frac{5}{12}$ gallon