



Name: _____ Date: _____

Activate Prior Knowledge

Cayden wanted to play the piano for 7 hours this week to prepare for his concert on Saturday. Here is how much he played each day:

Monday	$\frac{7}{6}$ of an hour
Tuesday	$\frac{5}{2}$ of an hour
Wednesday	$\frac{3}{4}$ of an hour
Thursday	?
Friday	?

How much did he practice Thursday and Friday if he wanted to reach his goal?

If he wanted to take a break Thursday, how could he reach his goal?



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Number Line Equivalence Pre-Work

Can two fractions have more than one common denominator? Explain

Is $\frac{2}{4} + \frac{4}{6} = \frac{6}{10}$? Why or why not?

Mallory and Yuto ordered two identical pizzas. Mallory ate $\frac{2}{3}$ of her pizza. Yuto ate $\frac{5}{6}$ of his pizza. How much pizza did Mallory and Yuto eat all together? Explain.



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Problem of the Day

Create a number line using all of the given fractions ($\frac{3}{6}$, $\frac{7}{8}$, $\frac{11}{12}$, $\frac{8}{6}$, $\frac{1}{8}$, $\frac{3}{4}$, $\frac{25}{12}$, $\frac{6}{3}$, $\frac{6}{12}$, $\frac{6}{5}$, $\frac{3}{5}$, $\frac{14}{8}$). Be as exact as possible. Select three of the fractions and write an explanation of how you determined their placement.



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Problem of the Day

Addie is making two different recipes for the school bake sale. The brownie recipe calls for $\frac{2}{3}$ cup of milk and the cut-out cookie recipe calls for $\frac{3}{4}$ cup of milk. How much total milk will Addie need to make both of her recipes? Explain.



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Problem of the Day

Darla wanted to make 2 gallons of punch to take to the school picnic. She found a recipe that called for $\frac{3}{4}$ gal of fruit punch, 2 quarts of orange juice, $\frac{3}{8}$ gal of 7UP, and $\frac{1}{2}$ gal of water. If Darla makes this recipe, will she have as much punch as she wants? Justify your solution.

Math Writing Prompt

Halley solved this subtraction problem: $\frac{7}{8} - \frac{1}{2} = \frac{6}{6}$. Compare the fractions in the equation to help explain why Halley's solution is not reasonable.