

PARTY TIME WITH PALS

To celebrate the end of the year, your teacher entices you with a cake-eating, punch-drinking, song-playing party. There's a catch, though. She has given you problems to solve before you can get your party on. GO!

The Right Slice

Your teacher will be baking you a rectangular sheet cake. She cuts the cake into 40 equal slices. 24 of the slices get eaten at the party. She brings the remaining pieces home, and her husband eats half of the remaining cake. How much of the original cake is left for her daughter to eat later that night?



The Perfect Pour

Lemonade is your classroom's beverage of choice for this celebration. Your teacher brings in a 4 quart pitcher of the drink. She pours the lemonade into glasses with $\frac{1}{2}$ cup of juice in each glass. How many glasses of lemonade can she make with the entire pitcher?



Super Soundtrack

Believe it or not, your sweet teacher is letting you arrange a soundtrack for your party. 3 of the songs are $4\frac{1}{2}$ minutes. 5 of the songs are $3\frac{3}{4}$ minutes. The last 2 songs will last $3\frac{1}{4}$ minutes. How long will the soundtrack last?



Comparing Cake

The cake had both chocolate and vanilla frosting. You and your friends figure out what fraction of your piece has chocolate frosting. Compare.

$$\frac{1}{2} \underline{\hspace{1cm}} \frac{3}{4}$$

$$\frac{7}{8} \underline{\hspace{1cm}} \frac{7}{12}$$

$$\frac{2}{3} \underline{\hspace{1cm}} \frac{7}{9}$$

Leftover Lemonade

Each student left a different amount of his or her lemonade in their cup. Order the amounts below from least to greatest.

$\frac{1}{2}$ $\frac{7}{12}$ $\frac{5}{6}$ $\frac{2}{3}$ $\frac{3}{4}$ $\frac{1}{4}$

Simplest Songs

The song lengths above are written as mixed numbers. Rewrite the lengths as improper fractions.

It's Your Time to Shine!

Write and solve 3 word problem scenarios dealing with pizza (because every great party needs some pizza). One should involve adding fractions and the other should involve subtracting fractions. The final one can involve either multiplying or dividing. Yum!

