Applications of Division

There are three ways to represent the answer to these division problems: 243 R3, 243.75, or 243 3/4 Sometimes one way is more helpful than another. In the following situations, which is most helpful? Do this activity with a partner and choose the form of the answer that would fit each situation. Explain your reasoning.

1.   The T-ball league received 975 pieces of candy on our Halloween parties. Each of the 4 teams is planning their own party. How many pieces should each team receive if the candy is shared equally?

2. The T-ball league raised $975 selling candy. If there are 4 teams in the league, how much does each team get to spend on uniforms?

3. Dominoes donated 975 pizzas to our T-ball league. If there are 4 teams, how many pizzas does each team get?

Challenge Activity
Make up problems of your own.
Make up one problem that could use a whole number remainder, one that could use a decimal and a third that could use a fraction.