Alabama College- and Career-Ready Standards & Support
Navigating Success for *All*...

K- 5 Tasks

Quarterly Meeting # 2

November 2013
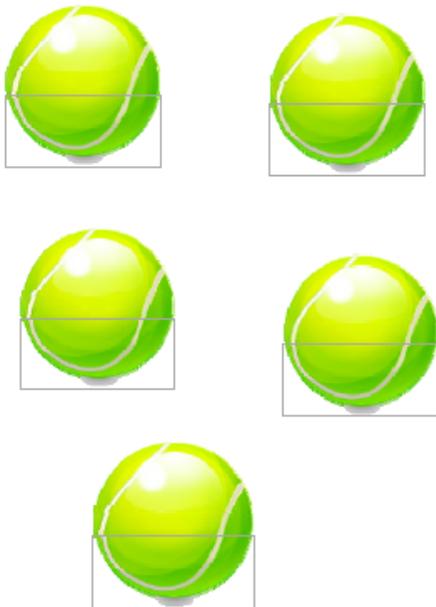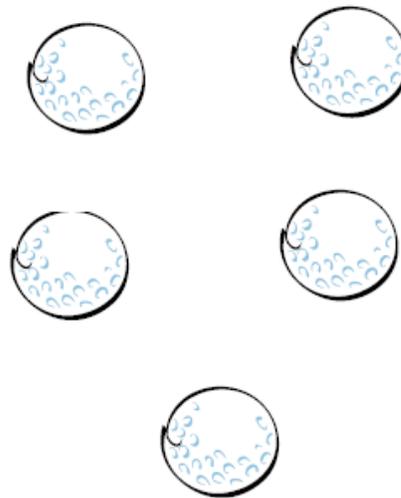
Counting Balls Task

Cedric and Caleb like to play with different kinds of sports balls. Cedric has 5 tennis balls and Caleb has 5 golf balls. Cedric says that he has more balls because the tennis balls are bigger. Do you think Cedric is right? Explain your answer with words and pictures. (See below for pictorial representation of the size of the balls)

Tennis Balls and Golf Balls

Cedric's Tennis Balls   Caleb's Golf Balls

The Baseball Cards Collection Task

John and Isaac are collecting baseball cards. They each have a collection. Use pictures and number sentences to describe the total number of cards in each boy's collection.

John has 8 baseball cards. He receives 4 more baseball cards for his birthday.   His brother gives him 3 baseball cards. How many baseball cards does John have in his collection?

Isaac has 7 baseball cards. His sister gives him 5 more cards. Isaac finds 4 more baseball cards. How many baseball cards does Isaac have in his baseball card collection?

John says he has more baseball cards in his collection than Isaac has in his collection. Do you agree with John? Explain why or why not. Use >, <, or = in your explanation.

Grade 2 Task

The Mural Paper Task

Mrs. Johnston measured some butcher paper for her students to paint a mural on. The paper wasn't long enough so, she measured 20 more feet of butcher paper. Now she has 65 feet of butcher paper for the mural. How many feet of paper did she measure before?

Write an equation that represents this problem. Use a symbol for the unknown number. Solve the problem using words, numbers or pictures to explain your reasoning.

The Birthday Party Task

Ella's mother is baking 4 pans of brownies for a birthday party. Each pan can be divided into 16 squares of brownies. Ella wants to share them equally with her friends at the party. There are 8 children altogether. How many squares of brownies will each child get? Draw a picture and write an equation that shows how you solved the problem.

Grade 4 Task

The Treat Bag Task

Ashley is making treat bags for her birthday party. She is going to put 2/3 cups of peanut M&Ms in each bag. She has invited 9 friends to her party.

1. How many cups of peanut M&Ms does she need for her friends' treat bags? Write an equation and use a visual model to explain your reasoning.

2. Ashley decided to also include ½ of a cup of plain M&Ms in each bag. How many cups of plain M&Ms does she need? Write an equation and use a visual model to explain your reasoning.

3. Each treat bag will hold one cup of treats. Will Ashley be able to fit all of the M&Ms in each treat bag? Justify your answer.

Grade 5 Task

The Apple Orchard Task

1. Andrea, Anthony, and Amy were in the orchard picking apples. Andrea picked $\frac{3}{4}$ of a bushel, Anthony picked $\frac{3}{8}$ of a bushel, and Amy picked $1\frac{1}{2}$ bushels. How many bushels of apples did they pick? Draw a model to represent your thinking.

2. Their Grandma Jane needs $3\frac{1}{4}$ bushels to make apple jelly. Did they pick enough apples? If so, how much extra do they have? If not, how much more is needed? Draw a model to represent your thinking.