



# MATHCOUNTS®

MATHCOUNTS.org | Facebook.com/MATHCOUNTS | @MATHCOUNTS | YouTube.com/MATHCOUNTS

The ratio of **yellow**, **red** and **purple** snacks in the bag is **10:3:1**. If there are 549 red snacks, how many are not red?



## Raytheon

2013 MATHCOUNTS  
National Competition Sponsor

**National Sponsors:** Raytheon Company, Northrop Grumman Foundation, U.S. Department of Defense, National Society of Professional Engineers, CNA Foundation, ConocoPhillips, Texas Instruments Incorporated, 3M Foundation, Art of Problem Solving, NextThought

**Founding Sponsors:** National Society of Professional Engineers, National Council of Teachers of Mathematics, CNA Foundation