



# PROBLEM OF THE WEEK 26

## GRADES 4-6

- FAX COMPLETED PROBLEM TO  
MATH ON CALL AT (559) 265-3041
- DUE DATE: THURSDAY, APRIL 22, 2010

Student Name: \_\_\_\_\_ Grade: \_\_\_\_\_

Teacher Name: \_\_\_\_\_ School: \_\_\_\_\_ District: \_\_\_\_\_

*California Content Standards: Grade 6, SDAP 3.1, 3.3 Grade 5, SDAP 1.3 Grade 4, SDAP 2.1, 2.1*



**A candy machine contains orange, yellow, and purple gobstoppers. The probability of getting an orange gobstopper is  $\frac{3}{4}$ . The probability of getting a yellow gobstopper is  $\frac{1}{6}$ .**

1. What is the probability of randomly getting a purple gobstopper? Explain how you determined your answer.
2. What is the fewest number of gobstoppers that could be in the machine?
3. If there are 36 gobstoppers in the machine, how many are purple? What percent are yellow? What percent are orange?