

**HCS/ETV Math Problem of the Day/PA**  
**March 2, 2006**  
**Dr. Seuss**

**Kindergarten and 1<sup>st</sup> graders:** (Remember teachers you may have to read the following to your students and possibly just let them answer aloud).

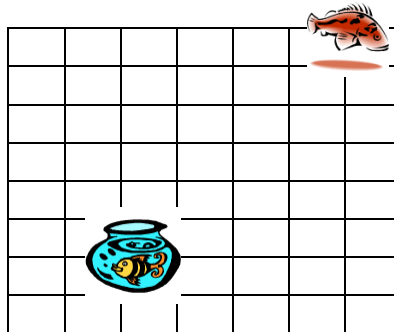


- A. Are there more red fish, blue fish or yellow fish?**
- B. What color fish would come next in the pattern?**

AL COS03, Grade K, Pg. 11, Algebra #5  
AL COS03, Grade 1, Pg.14, Algebra #5

**2<sup>nd</sup> and 3rd grade students:**

**Describe how you would move the fish to the fishbowl.**



AL COS03, Grade 2, Pg.19, Geometry #9  
AL COS03, Grade 3, Pg. 24, Geometry #9

**4<sup>th</sup> and 5<sup>th</sup> graders:**

A survey of the 4<sup>th</sup> and 5<sup>th</sup> graders at Smith Elementary was conducted to find out their favorite Dr. Seuss book. 45 students like “The Cat in the Hat”, 52 students like “Green Eggs and Ham”, 12 students like “Oh, The Places You Will Go” and 34 students like the “Foot Book”

- A. Draw a bar graph to illustrate the data.
- B. If there are 165 students in the 4<sup>th</sup> and 5<sup>th</sup> grades, how many did not participate in the survey?

AL COS03, Grade 4, Pg. 27, Data Analysis and Probability #15

AL COS03, Grade 5, Pg. 29, Algebra #7



**6 – 8<sup>th</sup> graders:**

On March 2, the special of the day at the Top Cat Restaurant is Green Eggs and Ham. The price of this special dinner is \$8.25. The tax is 4.5%.

- A. How much would it cost a family of four to eat dinner?
- B. What would dinner cost if they have a 25% off coupon? (The 25% will be taken off before tax is added)
- C. How much did the family save by using the coupon?

AL COS03, Grade 6, Pg. 34 Number and Operations #2

AL COS03, Grade 7, Pg. 36, Number and Operations #3

AL COS03, Grade 8, Pg. 40, Number and Operations #1

**Answers:**

**K-1: A. Red fish**

**B. Yellow fish**

**2-3: Description of movement will vary.**

**4-5: A. Check student graphs**

**B. 12 students did not participate.**

**6-8: A. \$34.49**

**B. \$25.86**

**C. \$8.63**