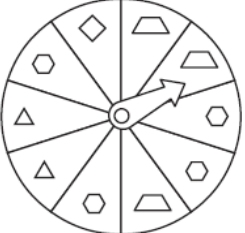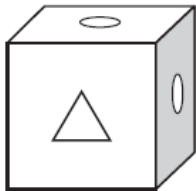# 4th Grade Math for Today #22

Monday

Released Item

Carl has a bag of fruit-flavored candy that contains the following pieces:
• 3 grape
• 5 strawberry
• 1 cherry
• 2 watermelon
Carl pulls a piece of candy from the bag without looking. What is the probability that he picks a watermelon-flavored piece?

Released Item

Patty is playing a shape game with the spinner below.

What is the probability that the pointer will land on a hexagon on her next spin?

Released Item

On the cube below, the shapes on the faces **not** showing are triangles.

What are the chances the cube will land on a triangle when rolled?

Tuesday

Write the Correct Comparison Symbol (>, < or =) in Each Box

1) 5.77 ☐ 0.577

2) 5.09 ☐ 5.09

3) 2.54 ☐ 2.48

4) 3.22 ☐ 0.322

5) 0.18 ☐ 0.018

6) 5.56 ☐ 5.59

7) 1.96 ☐ 1.96

8) 5.08 ☐ 5.09

Wednesday

My mom left ½ of a cake on the counter. The doorbell rang and one of my friends came over. If we cut what's left into equal parts, what fraction of the whole cake did we each eat? If 3 of my friends came over and we cut ½ cake that's left into equal parts, what fraction of the whole cake did we each eat?

Released Item

Mike drank 1/3 cup of orange juice. Which fraction is equivalent to 1/3?

Released Item

In the school choir, 5/25 of the members are boys. In the simplest form, what fraction of the choir are boys?

Thursday

Bob uses 3/8 cup of peanuts and 2/3 cup of raisins to make a snack. His brother asked if he used peanuts or raisins in his snack. Which statement correctly compares the fractions?

a. 3/8 > 2/3
b. 2/3 < 3/8
c. 2/3 = 3/8
d. 2/3 > 3/8

Brian uses 3/4 cup of water and 1/8 cup of sour cream in a recipe. Which statement correctly compares the amounts of water and sour cream Brian uses in the recipe?

a. 3/4 < 1/8
b. 3/4 > 1/8
c. 3/4 = 1/8
d. 1/8 > 3/4

John is making cupcakes. He combines 1/5 cup milk, 1/8 cup raisins, and 1/3 cup butter. Which list shows the order of the ingredients from the least to the greatest amount?

a. 1/8, 1/6, 1/3
b. 1/8, 1/3, 1/6
c. 1/3, 1/8, 1/6
d. 1/3, 1/6, 1/8

A. *Show your understanding of fractions by answering the following questions.*

1. Draw Figures A and B below in your response box on the following page. Next, shade $\frac{2}{3}$ of each figure.
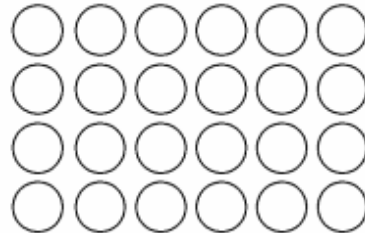
Figure A

Figure B

2. Which is greater, $\frac{3}{4}$ or $\frac{4}{5}$? Show and/or explain all of the work that proves your answer.

3. What is $\frac{3}{7}$ of 21? Show and/or explain all of the work that proves your answer.

BE SURE TO LABEL YOUR RESPONSES 1, 2, AND 3.