



REFRESH

- 1) Sandra surveyed 30 random students in her school. Of these, 18 said they enjoy watching baseball. A total of 1,050 students are in the school. How many of these are expected to enjoy baseball?

- 2) Sam flips a coin 4 times. What is the probability that exactly 2 flips will result in heads and 2 flips will result in tails?

- 3) Two-thirds of the gumballs in a jar are red. How can a 1 – 6 number cube be used to find the probability that a gumball chosen at random from the jar will be red?
 - a) Let the number 1 represent a red gumball.
 - b) Let the numbers 2 and 3 represent a red gumball.
 - c) Let the numbers 1,2, and 3 represent a red gumball.
 - d) Let the numbers 1, 2, 3 and 4 represent a red gumball.

- 4) Four congruent triangles are cut from a square piece of glass to make the octagonal window shown here. What is the area, in square inches, of the window?

