Christmas Survey
Bell Ringer

• Convert the fractions to a decimal and a percent:
  – 1) 3/5
  – 2) 7/10

• Convert each of these decimals into a fraction:
  – 3) 0.4
  – 4) 0.25
Surveys

• During the last election, people talked a lot about polls, to say which candidate is winning.

• How did they do that?

51% ± 2%
49% ± 2%
Surveys

- Sometimes you can ask part of a population, and use that information to make predictions about the whole population.
Christmas Survey

• What is the most popular gift this Christmas?
• Each student will chose one of the following:
  – Video Game (Call of Duty: Ghosts)
  – Clothes (gift certificate to Aeroposatle)
  – DVD (Hunger Games, Fast & Furious 6, or Despicable Me 2)
• We will collect information about the class.
• Each of you will ask 9 people (plus yourself), then calculate the number of students who gave each answer as a fraction, decimal, and percent.
• Write down the names of the people that you talked to.
Results

• What was the class average?
• How close was your result?
  – It should have been within about 15%
• If your result was really different from the class average, why do you think that was?
• If your result was really similar, why do you think you got it right?