

ACTIVITY #2

Name: _____

For use with pages 6–7 in the December 13, 2010, issue of Scholastic *MATH* Magazine.

Fast Food a la Mode

You know about mean. You know about median. You know about range. One thing we haven't talked about yet in the magazine is *mode*. That's the number that appears most often in a set.

Mean, median, mode, and range are all known as *measures of central tendency*. They all help you get a better sense about a set of numbers. In these questions, we'll use these measures to explore some more fast-food data. If allowed, use a calculator!

1 Here are the amounts of calories in different restaurants' large French fries.

Arby's..... 610
Burger King..... 540
Carl's Jr..... 470
Jack in the Box... 621
McDonald's..... 500
Sonic..... 450
Wendy's 540

Find the set's...

a. mean:

b. median:

c. mode (if there is one):

d. range:

2 Let's look at grams of sugar in those restaurants' medium chocolate shakes.

Arby's..... 90
Burger King..... 67
Carl's Jr..... 70
Jack in the Box... 88
McDonald's..... 84
Sonic..... 65
Wendy's 80

In the next column, find the set's...

a. mean (round to nearest tenth):

b. median:

c. mode (if there is one):

d. range:

3 Here are grams of fat in the first 20 donuts listed on Dunkin' Donuts nutritional information: 17, 17, 15, 15, 17, 16, 14, 18, 14, 15, 17, 18, 16, 39, 23, 15, 24, 21, 22, 25.

Find the set's...

a. mean:

b. median:

c. mode (if there is one):

d. range: