

May 14, 2012

m7R

Anything to correct?

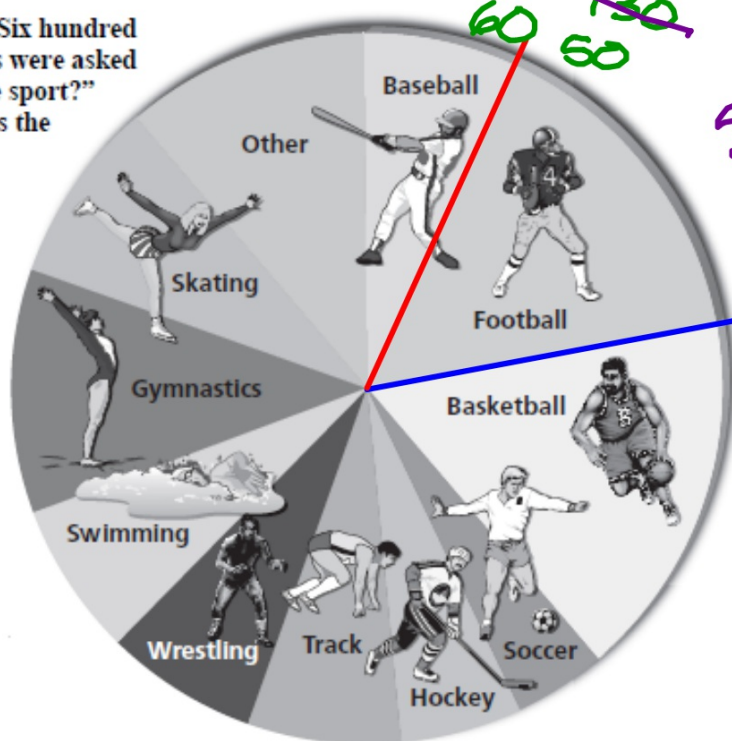


5/14 - Circle Graphs

pg 197 in your RED workbook

1 ACTIVITY: Reading a Circle Graph

Work with a partner. Six hundred middle school students were asked "What is your favorite sport?" The circle graph shows the results of the survey.



- Use a protractor to find the angle measure (in degrees) of the section (pie piece) for football.

b. How many degrees in a full circle?

360°

c. How do you write a proportion to find out how many students chose football as their favorite sport?

part

whole

$$\frac{55}{360} = \frac{n}{600}$$

circle students

$$\frac{360n}{360} = \frac{33000}{360}$$

$$n = 91.7$$

92 students

d. Use the worksheet to find out the same information for all of the other sports.

Sport	# of students
Baseball	11
Football	441
Basketball	1
Soccer	441
Hockey	111
Track	
Wrestling	
Swimming	1
Gymnastics	11
Skating	
Other	4411

Homework

Blue

Data WS2

Due Wednesday