M7H

April 24, 2012 Anything to correct?



4/24 - Samples and Populations

Population: a group of people (evenyoneyouknow)" Sample: a portion of the population "people you know at school"

What is your favorite color?

Pink	111
Green	ιμι
Blue	1447
Yellow	11
Purple	MII
Orange	IIII
Red	l
Other	4

Is this a good prediction of the entire studentbody?

Notice (14)

What could improve it?
random Sample
belanced MF
bigger Sample

"A recent survey shows that 3 out of 4 people prefer snowboarding over skiing."

Is this a good prediction of the kids at school?

No

What could make it better?

larger Sample

A survey asked 48 randomly chosen students if they played in the school band. Six students said "yes." If there are 80 students in the band, use this to predict the number of students in the school.

Sample population
$$600 = 3840$$

$$600 = 3840$$

$$640$$

Homework

Red workbook – page 204, 204A

Due Wednesday