

Problem-Solving Application:

Make Predictions

1. Mr. Grady's class was asked to choose the school nickname. If 10 of the 25 students chose Tigers, how many of the 400 students at Taylor School would you expect to say Tigers?

UNDERSTAND

What is the question?

What do you know?

PLAN

What is the formula for probability?

SOLVE

Which operation do you need to use to predict the number of students at Taylor who would vote Tigers?

Find the number of students who would say Tigers.

LOOK BACK

Is the answer reasonable?

Solve the following problem by using data to make predictions.

2. If 6 students in Mr. Grady's class said Patriots, how many of the 400 students at Taylor School could be expected to say Patriots or Tigers?
