



## STEALING HOME

### How many outs will Yogi Berra get in the 1948 season?

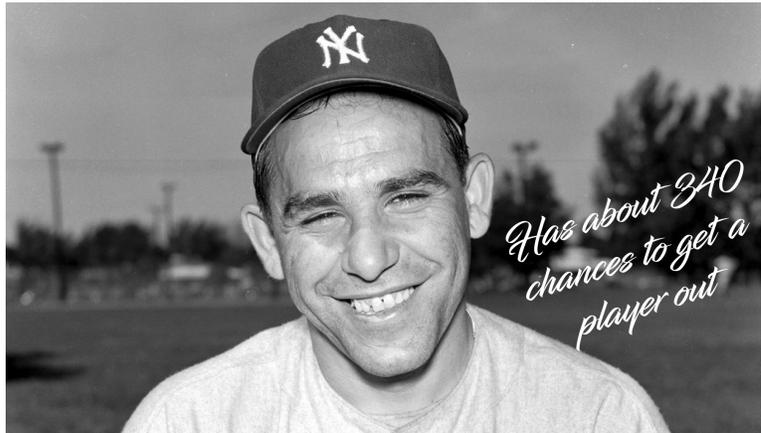
The *Chicago Daily News* prediction piece on Jackie Robinson was so popular that Margie and Ed decide to write a piece on another popular baseball player, Yogi Berra. Berra is only a few years into his major league baseball career, playing catcher for the New York Yankees. After doing some research, Margie and Ed found some information that would help them write their article.

Given the stats Margie and Ed obtained, how many outs will Yogi Berra likely get in the 1948 season?

#### 6.RP.A.3c

##### About this standard

Find a percent of a quantity as a rate per 100 (e.g., 30% of a quantity means 30/100 times the quantity); solve problems involving finding the whole, given a part and the percent.



Yogi Berra will likely get \_\_\_\_\_ outs in the 1948 season.

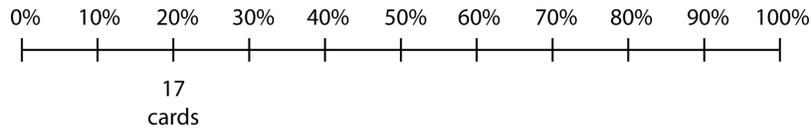
# APPLYING THE STANDARD

How might this standard appear on a test?

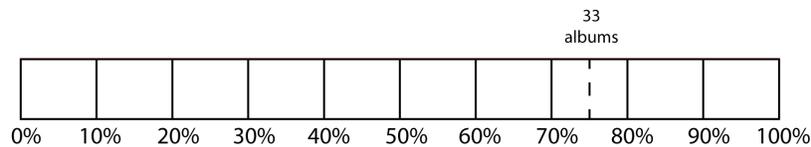


**CHECK OUT MY  
WORKED EXAMPLE  
#5B**

- 1) Joey brought 17 baseball trading cards to school. This represents only 20% of his collection. How many trading cards does he have in his whole collection?



- 2) Country music makes up 75% of Ashley's music collection. If she has 33 albums that are by country artists, how many albums does she have in her entire music collection?



- 3) Tyrell took a history test. He answered 21 of the 25 questions correctly. In order to get an "A" on the test he needs to get at least a 90%. Did Tyrell get an "A" on his history test? Explain your reasoning.

- 4) Cade makes 82% of his free throw attempts. If, at a basketball camp, he attempts 250 free throws, how many can he expect to get in?

Number of times the ball goes in the net	82			
Number of attempts	100	200	50	250

- 5) Solve each problem below by using a table of equivalent ratios, a tape diagram, a double number line or an equation.

a) 75 is 15% of what number?

b) What is 60% of 210?

c) 120 is 30% of what number?

d) 160 is 20% of what number?