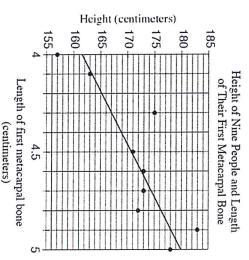
- the recommended daily calcium intake from these drinks alone? cups of juice j a 20-year-old could drink in a day to meet or exceed inequalities represents the possible number of cups of milk m and cup of juice contains 261 mg of calcium. Which of the following milligrams (mg). One cup of milk contains 299 mg of calcium and one 1. The recommended daily calcium intake for a 20-year-old is 1,000
- D $299m + 261j \ge 1,000$
- O 299
- W 299m + 261j > 1,000

height for 9 people. The line of best fit is also shown. How many of the nine shows the relationship between the length of the first metacarpal bone and height predicted by the line of best fit? people have an actual height that differs by more than 3 centimeters from the The first metacarpal bone is located in the wrist. The scatterplot below



- a smaller margin of error for the estimated mean time students in the psychology-degree program read per day? smaller margin of error. Which of the following samples will most likely result in the list of all students enrolled in the psychology-degree program at a large minutes, and the margin of error for this estimate was 4.28 minutes. Another you typically spend reading?" The mean reading time in the sample was 89 university. She asked each of the 75 students, "How many minutes per day do research assistant intends to replicate the survey and will attempt to get a A research assistant randomly selected 75 undergraduate students from
- 40 randomly selected undergraduate psychology-degree program students

10-8-15

- (c) 300 randomly selected undergraduate psychology-degree program students
- B 40 randomly selected undergraduate college students from all degree programs at the

ALG

THUR

0 college students from all degree programs at the 300 randomly selected undergraduate

represents Aaron's total charge, in dollars, for staying x nights? untaxed fee of \$5.00 is charged by the hotel. Which of the following room. A tax of 8% is applied to the room rate, and an additional onetime Aaron is staying at a hotel that charges \$99.95 per night plus tax for a

(A)
$$(99.5 + 0.08x)$$

$$(99.5 + 0.08x) + 5$$

BELLWORK AnswERS

- (D. Il meet or exceed" means ≥ 3 this eliminates B & D
 - of there is 299mg of Ca in each cup then ther is 299m mg of Ca in m cups, This eliminates C Answers is (A)
- (2) . To get a smaller margin of error

 the sample Size should be MCREASED,

 this eliminates A E, B
 - The question specifies "mean time students in the psychology-dogree program", this eliminates D

Answer is C

- (3) "Differ by more than 3cm" means more than 3cm shorter.

 3 cm taller or more than 3cm shorter.

 therefore, any point farther than 3cm

 therefore, any point farther than 3cm

 above or below the line is what you are

 looking for Answer is 4
- (4) Since the \$5 charge is not taxed and 15 "one-time" it should be added on separately. It should be added on separately. In A .08x represents 8% of the # of days and this doesn't make sense when you should be taking 8% of the cost (i.e. \$99.50), so eliminate A, Answer is (B)