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Use Table A for questions 10-12 (along with the info above)

10. What percent of U.S adult males are shorter than 70 inches?

What is the probability that a randomly selected U.S. adult male is taller than 67 inches?

11. What percent of U.S adult males are shorter than 65 inches?

What is the probability that a randomly selected U.S. adult male is taller than 71 inches?

12. What percent of U.S adult males are shorter than 73 inches?

What is the probability that a randomly selected U.S. adult male is taller than 75 inches?

13. Mr. Anderson wants to use a group of 7 students to plan a class party before winter break. He assigns each student a number and then uses the randINT feature of his calculator to randomly pick the students.

- A. What type of sampling is this an example of?
- B. Explain what kind of bias may be present, or if there is little or none state that there is little or none.

14. Coach Sanderson sends home a survey to parents and students asking if they think more homework should be given out, and only 65% of parents and students respond.

- A. What type of sampling is this an example of?
- B. Explain what kind of bias may be present, or if there is little or none state that there is little or none.

15. Given the polynomial $P(x) = x^4 + 6x^3 + 9x^2 + 96x - 112$

use a graphing calculator to estimate 2 zeros, and then use them to find ALL zeros. Also find the value of f(-2)=

Zeros: Write as a product of linear factors: f(-2) = ____

16. Use the function below to find the listed information. Then, graph the function. $y = \frac{4-x}{x-1}$		
V.A.:		
Н.А.:	<	
<i>x</i> -intercept(s):		
<i>y</i> -intercept(s):		
Transformation Form:		
17. Use the following information to answer the questions and complete the bell curve below.		
Ms. Payne has the following test scores on her Rat 25, 98, 76, 90, 88, 45, 65, 54, 77, 77, 87, 77, 69, 12, 82, 81, 98, 79, 96, 84	cionals Test:	
a. What is the mean of the test?		
b. What is the mode?		
c. What is the median?		
d. What is the standard deviation? (Use your calculator STAT function)		
18. Using the above data		
What percentile is a score of 77?		
What score is the 40 th percentile?		
19. Convert from Transformation form to Quotien $f(x) = \frac{5}{x+3} - 2$	nt Form:	