



B. II only

C. III only

D. I and II only

E. I, II and III

6. What is the length of the line segment in the x-y plane with end points at (-2,-2) and (2,3)?

use distance formula;

d > 1(x,-x2)2+(x,-x)2

= $\sqrt{(2--2)^2+(3--2)^2}$

B. √31

C. 141

- VILE+25 = /41 142 +52

-or- plot points, connect them, then create a R+ D. Finally, use pythagoreun Theore M.

D. 9

days will its total consumption be 91 pounds? six days. If it continues to eat at the same rate, in how many mo 4. A certain animal in the zoo has consumed 39 pounds of food

B. 11

91-39= 52 more lbs

39-6 = 6.5 lbs/day

C. 10

52-6.5-8 more

7. n is an integer chosen at random from the set

{5, 7, 9, 11}

A-L

p is chosen at random from the set {2, 6, 10, 14, 18}

are the only 52-d+1 5 ham hitb & 81+5

What is the probability that n + p = 23?

A. 0.1

C. 0.25

B. 0.2

D. 0.3

E. 0.4

= good favorable outcomes Total # outcomes

TOTAL # outcomes for picking one # from each et= 4.5=20

p(sum 23) = 20 = 1 or 10%