Integrated 2

Name _____

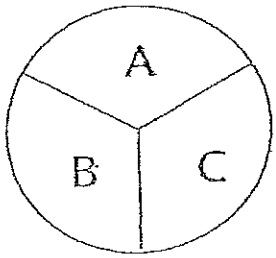
Dart Boards

A dart is randomly thrown at a dartboard. Write the probabilities as a fraction first, then a percent if you'd like.

1) P (A)

2) P (NOT A)

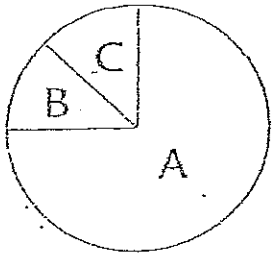
3) P (A or B)



4) P (A)

5) P (B or C)

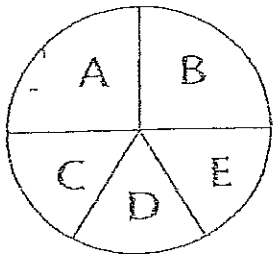
6) P (NOT B)



7) P (A)

8) P (C)

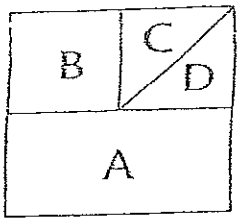
9) P (C or D)



10) P (A)

11) P (D or C)

12) P (NOT D)

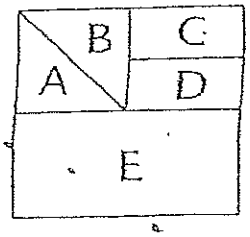


13) P (E)

14) P (A or B)

15) P (A)

16) P (A or D)



17) If you were playing darts and someone agreed to pay you $10.00 for hitting section B, which one of the 5 dartboards from above would you want to use? Why?

Slips of paper are numbered from 1-25 and placed in a hat. One strip is drawn at random. Each strip is replaced before the next number is drawn. Write the probabilities as a fraction first, then a percent if you'd like.

18) P (even number)

19) P (more than 20)

20) P (less than 5 or more than 20)

21) P (prime number)

22) P (multiple of 5)

23) P (prime and less than 10)

24) P (odd number and greater than 15)