

Name: \_\_\_\_\_

Score: 10

Percentage: %

Class: \_\_\_\_\_

**Outcome 1 - Estimating Probability**

Draw a probability line for each of these sets of events...

**1**

- (a) Selecting the letter C from the word MICROCHIPS.  
 (b) Toss a coin and it will land on 'heads'.  
 (c) Choosing an even number from  
 1, 2, 2, 4, 4, 6, 6, 8, 8, 10.

**2**

- (a) An animal picked from 3 cats and 7 dogs will be a cat.  
 (b) Selecting the letter I from the word ORDINARILY.  
 (c) Picking a red card from a pack of playing cards.

**3**

- (a) Selecting an odd number from  
 1, 3, 4, 5, 6, 7, 8, 9, 9, 11.  
 (b) Picking the 1 bad apple from a bag of 10 apple.  
 (c) The next baby you see will be a boy.

**Outcome 2 - Calculating Simple Probability**

Write down the probability of each event happening...

**4**

Selecting the letter  
 T from the word  
 TUTORING.

**5**

Scoring less than 15  
 on a dartboard  
 numbered 1-20.

**6**

Choosing a two from a  
 pack of playing cards.

**Outcome 3 - Choosing at Random**

A bag contains 5 green counters, 10 red counters and 15 yellow counters. A counter is chosen at random. What is the probability of **NOT** choosing...

**7**

a green  
 token?

**9**

a red  
 token?

**8**

a yellow  
 token?

**10**

a blue  
 token?