



Probability worksheet

- 1) Alan tosses a coin. What might the coin show when it lands?
- 2) Peter rolls a dice. List all the numbers that he could get _____
- 3) John has one of every coin in a bag. If he picks one without looking, list what coin he might pull out

- 4) Veronica has 9 tiles in a bag. Each tile has a different counting number written on it. List what tile she might pull out of the bag

- 5) There are 6 red shirts, 1 blue shirt and 15 yellow shirts in a draw. If a boy pulls a shirt out without looking:
 - a) List what colour shirt he might pull out _____
 - b) Which colour shirt will he probably pull out? _____
 - c) Which colour shirt will he probably NOT pull out? _____
- 6) There are 20 red, 5 blue and 1 green lollies in a jar. If Jack closes his eyes and chooses one:
 - a) What colour lolly will he probably choose? _____
 - b) What colour lolly would he be lucky to get? _____
 - c) Is he more likely to get a green lolly or a yellow lolly? _____
 - d) Name a lolly colour that it would be impossible to get _____



- 7)** In a jar there are 20 blue buttons. In another jar there are 10 blue and 10 yellow buttons.
- a)** From which jar would Colin be certain of picking a blue button with his eyes closed? _____
 - b)** From which jar would he maybe get a yellow button? _____
 - c)** From which jar would he definitely NOT get a yellow button? _____
 - d)** Has he got more chance of picking a blue or yellow button from the second jar?

- 8)** Of the following events, which are certain to happen(H), impossible(I), or could happen (CNH)?
- a)** The sun will rise tomorrow
 - b)** You will eat food
 - c)** You will go to school
 - d)** You will get every math question right
 - e)** You will turn 45 years old tomorrow
 - f)** Everyone in your class will win a million dollars tomorrow
 - g)** You will ride a bicycle
- 9)** Tom rolls a normal 6-sided dice. Which number is he most likely to roll?
- 10)** Alan tosses a coin; is it more likely to land on a head or a tail?
- 11)** Peter spins a spinner with 3 red and 3 white faces. Which colour is he more likely to spin?
- 12)** Peter spins a spinner with 1 red and 5 white faces. Which colour is he most likely to spin?