

## Topic: Probability

1. In a class there are 15 boys and 7 girls. One child is chosen at random to represent the class.

What is the probability that this child is:

(a) a girl?  $P(\text{girl}) = \underline{\hspace{2cm}}$

(b) a boy?  $P(\text{boy}) = \underline{\hspace{2cm}}$

2. A bag contains 10 red sweets, 14 blue sweets, and 6 yellow sweets. A sweet is taken random from the bag. What is the probability that it is:

(a) a red sweet  $P(\text{red sweet}) = \underline{\hspace{2cm}}$  (lowest term)

(b) a blue sweet  $P(\text{blue sweet}) = \underline{\hspace{2cm}}$  (lowest term)

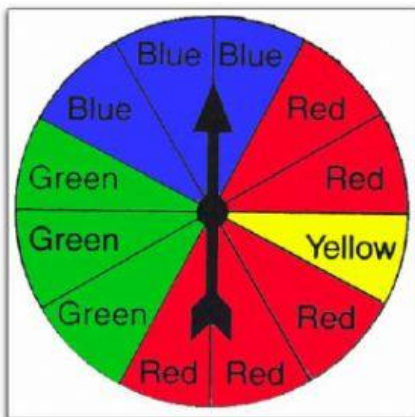
(c) not a yellow sweet  $P(\text{not a yellow sweet}) = \underline{\hspace{2cm}}$  (lowest term)

3. When you roll a fair dice, what is the probability that you obtain:

(a) an even number  $P(\text{even number}) = \underline{\hspace{2cm}}$  (lowest term)

(b) a multiple of 2  $P(\text{multiple of 2}) = \underline{\hspace{2cm}}$  (lowest term)

4.



What is the probability of:

(a) spinning a blue  $P(\text{blue}) = \underline{\hspace{2cm}}$  (lowest term)

(b) spinning a yellow  $P(\text{yellow}) = \underline{\hspace{2cm}}$

(c) spinning a red  $P(\text{red}) = \underline{\hspace{2cm}}$