Topic: <u>Probability</u>

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(girl) = _____

    (b) a boy?   P(boy) = _____

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(red sweet) = _____   (lowest term)

    (b) a blue sweet   P(blue sweet) = _____   (lowest term)
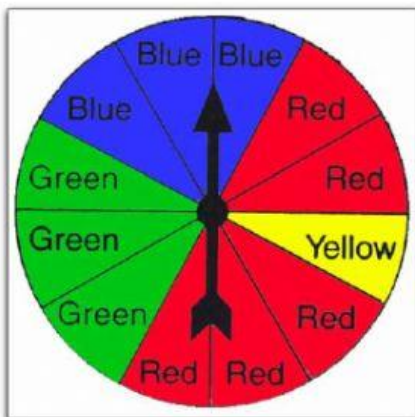
    (c) not a yellow sweet   P(not a yellow sweet) = _____   (lowest term)

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

    (a) an even number   P(even number) = _____   (lowest term)

    (b) a multiple of 2   P(multiple of 2) = _____   (lowest term)

4.

What is the probability of:

    (a) spinning a blue   P(blue) = _____ (lowest term)

    (b) spinning a yellow   P(yellow) = _____

    (c) spinning a red   P(red) = _____