



Probability

Diagnostic Task

You take a cube out of the bag and put it back in.
You do this 8 times.
You get 3 red, 2 blue, 1 yellow, and 2 green cubes.

Suppose you do this 20 times.

- How many blues do you predict you will get? Why?
- How many reds do you predict you will get? Why?
- How sure can you be that you are right?
- Would you be more sure if you knew that half the cubes in the bag were red?

