



Problem of the Week Grade 7 and 8

Some Wet Weather Math?

Raynor Schein has a bag that contains three black marbles, five gold marbles, two purple marbles, and six red marbles. During the course of cleaning his room one wet spring day, Raynor finds some white marbles and adds them to the bag.

Raynor tells his friend April Showers that if she now draws a marble at random from the bag, the probability of it being black or gold is $\frac{2}{7}$.

How many white marbles did Raynor Schein add to the bag?

