

Warm Up Fri wk 8- IN YOUR PACKET!!!!

1. How many days can Mommy dress her baby differently if the baby has 8 shirts, 7 pair of pants, 12 pair of socks, and 4 pair of shoes?

$$8 \cdot 7 \cdot 12 \cdot 4 = 2688 \text{ days}$$

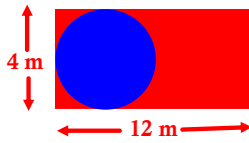
What is the probability:

3. of choosing a red marble if there are 5 green, 3 yellow, and 6 red marbles in a hat?

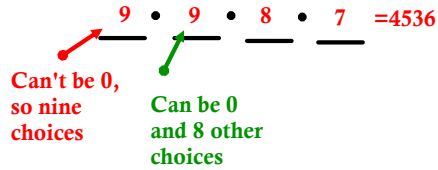
$$6/14 = 3/7$$

4. of hitting the blue circle:
Round to the nearest tenth of a percent.

$$\frac{\pi(2)^2}{48} = \frac{4\pi}{48} = \frac{\pi}{12} \approx 26.2\%$$



2. How many possible 4 digit passwords can be created if you cannot begin with 0 and cannot repeat any numbers?



5. that Sue, who arrived home at 12:16, has missed the repairman that was supposed to be there between 12:00 and 1:00?

$$\frac{16}{60} = \frac{4}{15}$$