

can add fractions to find compound probabilities.

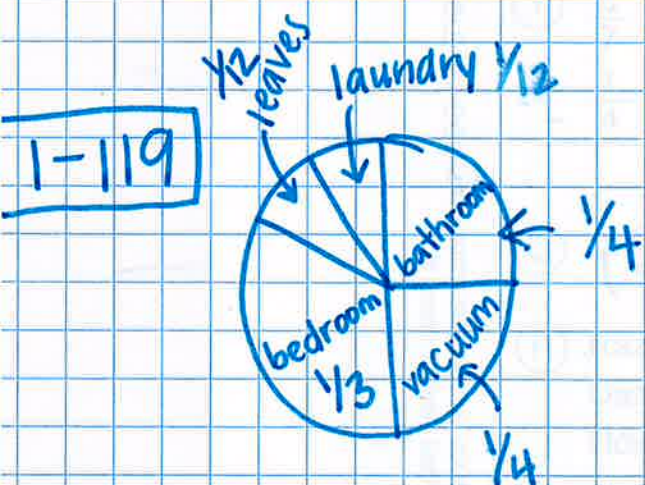
Compound events: probability of 2 or more events

Big words either, or  
+

**EX**  $P(\text{rolling a } \underline{3} \text{ or } 5)$

$$P(3) + P(5)$$

$$\frac{1}{6} + \frac{1}{6} = \frac{2}{6}$$



$$\frac{1}{4} \cdot \frac{3}{3} = \frac{3}{12}$$

$$+ \frac{1}{4} \cdot \frac{3}{3} = \frac{3}{12}$$

$$+ \frac{1}{3} \cdot \frac{4}{4} = \frac{4}{12}$$


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$$\frac{10}{12}$$

a)  $P(\text{laundry}) = \frac{1}{12}$

b)  $P(\text{not bathroom}) = \frac{3}{4} = \frac{9}{12}$

1-120 , 1-124 , 1-125