

$$\left(\frac{2}{3} + \frac{1}{3}\right) \quad \left(\frac{6}{7} + \frac{1}{7}\right)$$

Mult. of 3
(or not)

Mult. of 7
(or not)

	$\frac{6}{7}$	$\frac{1}{7}$	
$\frac{2}{3}$	$\frac{12}{21}$	$\frac{2}{21}$	→ not 3
$\frac{1}{3}$	$\frac{6}{21}$	$\frac{1}{21}$	

$$\frac{12}{21} = P(\text{not } 3 \text{ \& not } 7)$$

$$\frac{9}{21} = P(\text{either } 3 \text{ or } 7)$$