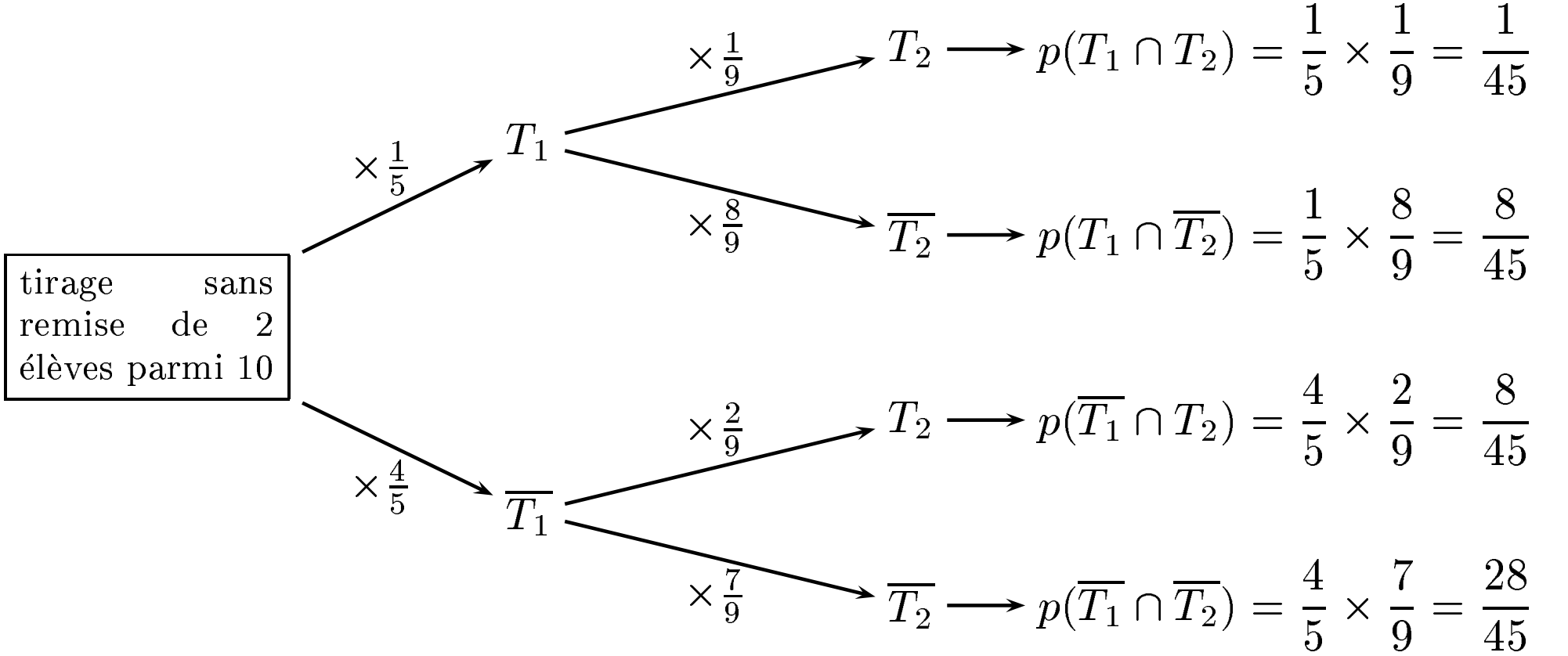
tirage sans remise de 2 élèves parmi 10
$\times \frac{1}{5}$
T_1
$\times \frac{4}{5}$
$\overline{T_1}$
$\times \frac{1}{9}$
T_2
$p(T_1 \cap T_2) = \frac{1}{5} \times \frac{1}{9} = \frac{1}{45}$
$\times \frac{8}{9}$
$\overline{T_2}$
$p(T_1 \cap \overline{T_2}) = \frac{1}{5} \times \frac{8}{9} = \frac{8}{45}$
$\times \frac{2}{9}$
T_2
$p(\overline{T_1} \cap T_2) = \frac{4}{5} \times \frac{2}{9} = \frac{8}{45}$
$\times \frac{7}{9}$
$\overline{T_2}$
$p(\overline{T_1} \cap \overline{T_2}) = \frac{4}{5} \times \frac{7}{9} = \frac{28}{45}$