

# Exercice du jeudi 14 mai 2020

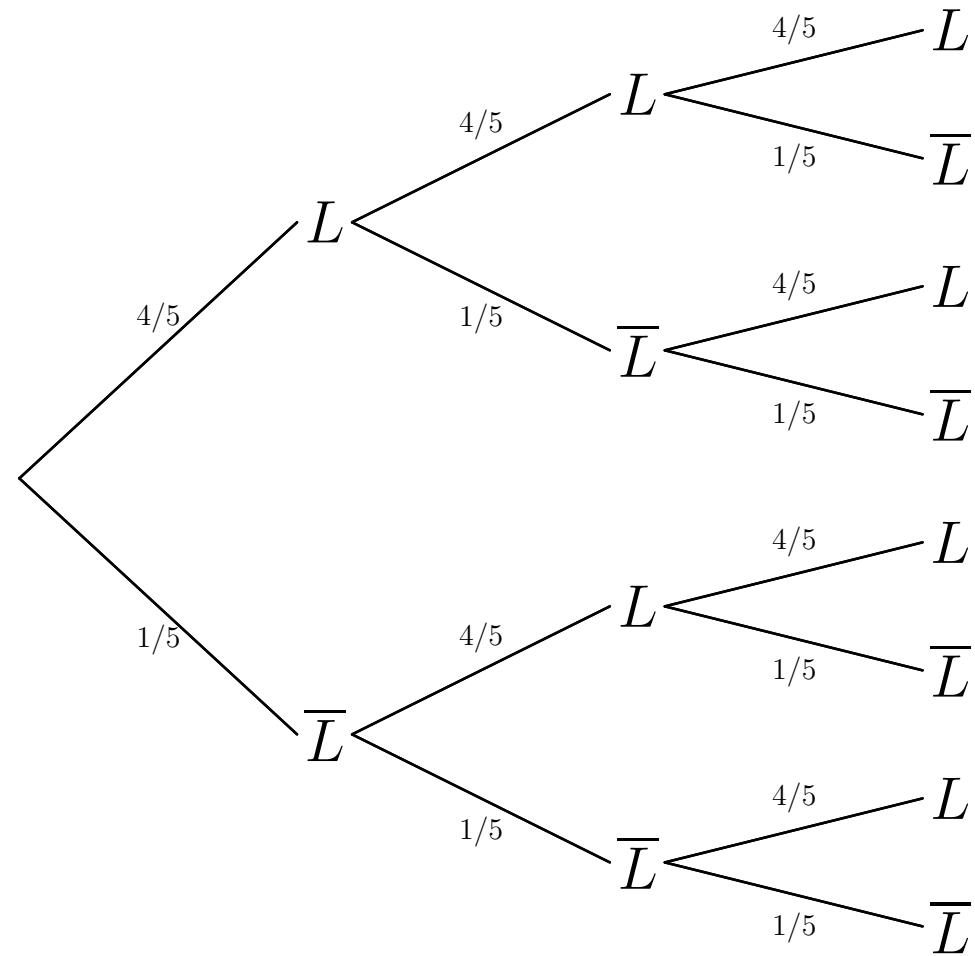
1 STMG

MATHÉMATIQUES



NOTRE DAME DU VOEU  
LYCÉE

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# Exercice 40 page 158

1°)  $X = \{0; 1; 2\}$

2°)  $P(X = 2) = \frac{1}{4} \times \frac{1}{4} = \frac{1}{16}$

3°)  $P(X = 1) = \frac{1}{4} \times \frac{3}{4} + \frac{3}{4} \times \frac{1}{4} = \frac{6}{16} = \frac{3}{8}$

4°)

$x_i$	0	1	2
$P(X = x_i)$	$\frac{9}{16}$	$\frac{6}{16}$	$\frac{1}{16}$

