



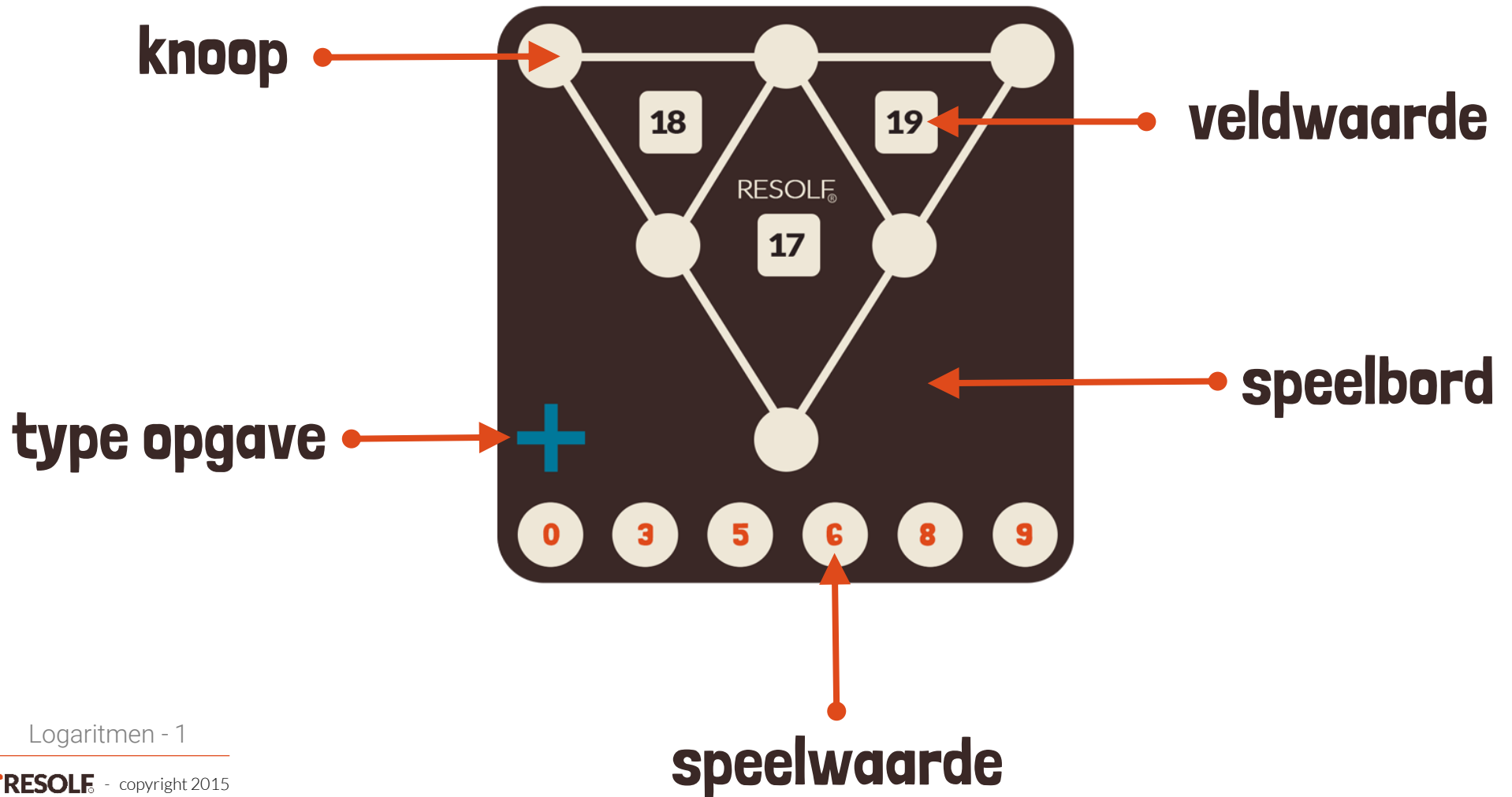
Logaritmen - 1

$$\stackrel{\text{def}}{=} {}^g \log(a) = x \Leftrightarrow g^x = a$$

$${}^g \log(a^n) = n {}^g \log(a)$$

$${}^g \log(a) + {}^g \log(b) = {}^g \log(ab)$$

LEGENDA



TYPE OPGAVEN

SOM



Plaats de
speelgetallen in de
knopen zodat **de
som** gelijk is aan de
veldwaarde.

PRODUKT



Plaats de
speelgetallen in de
knopen zodat **het
product** gelijk is aan
de veldwaarde.

SOMPRODUKT



Plaats de
speelgetallen in de
knopen zodat **de
som** of **het product**
gelijk is aan de
veldwaarde.

FUNCTIE



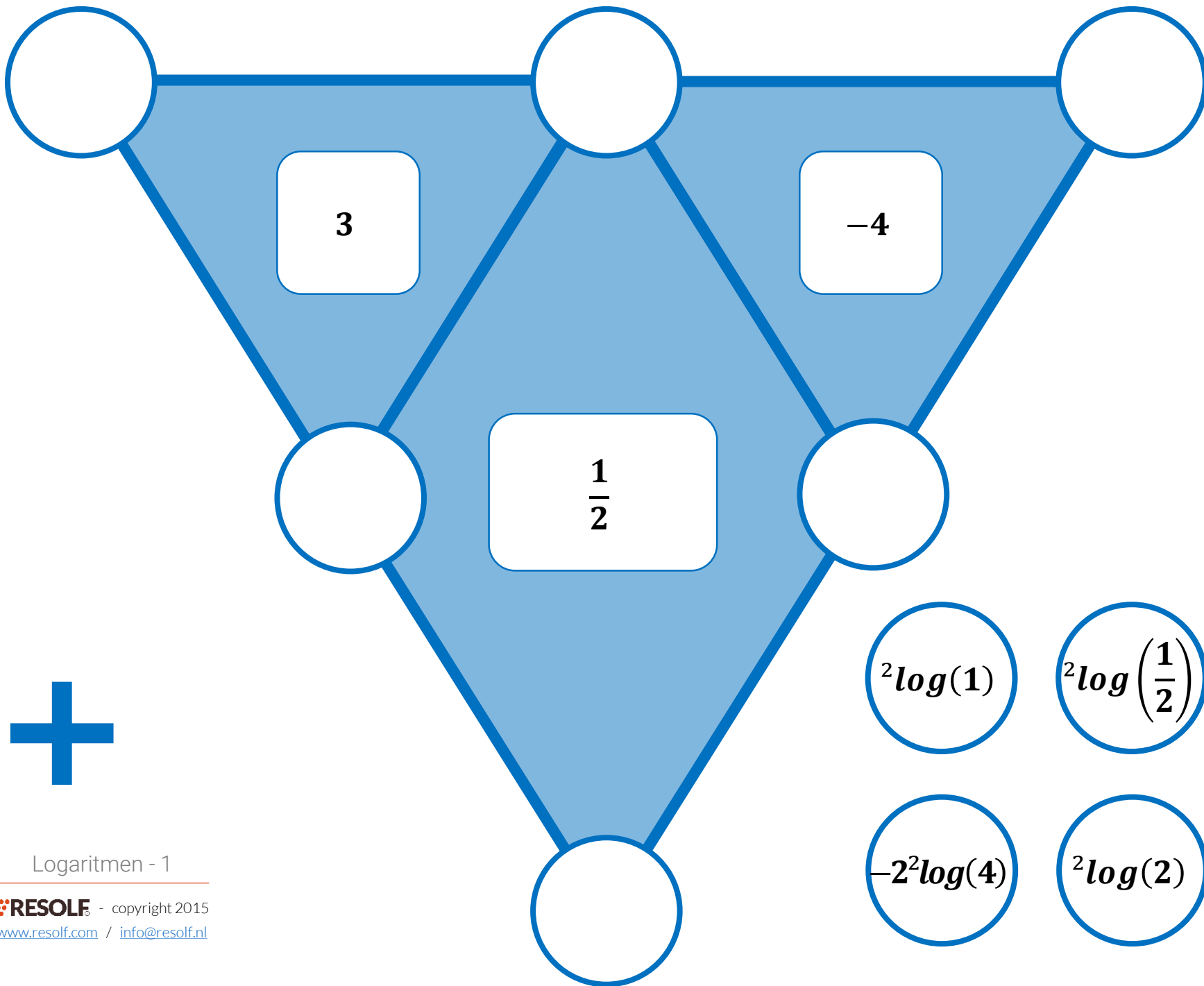
Plaats de
speelcoördinaten in
de knopen zodat ze
**voldoen aan de
vergelijking** in het
veld.



OPGAVEN

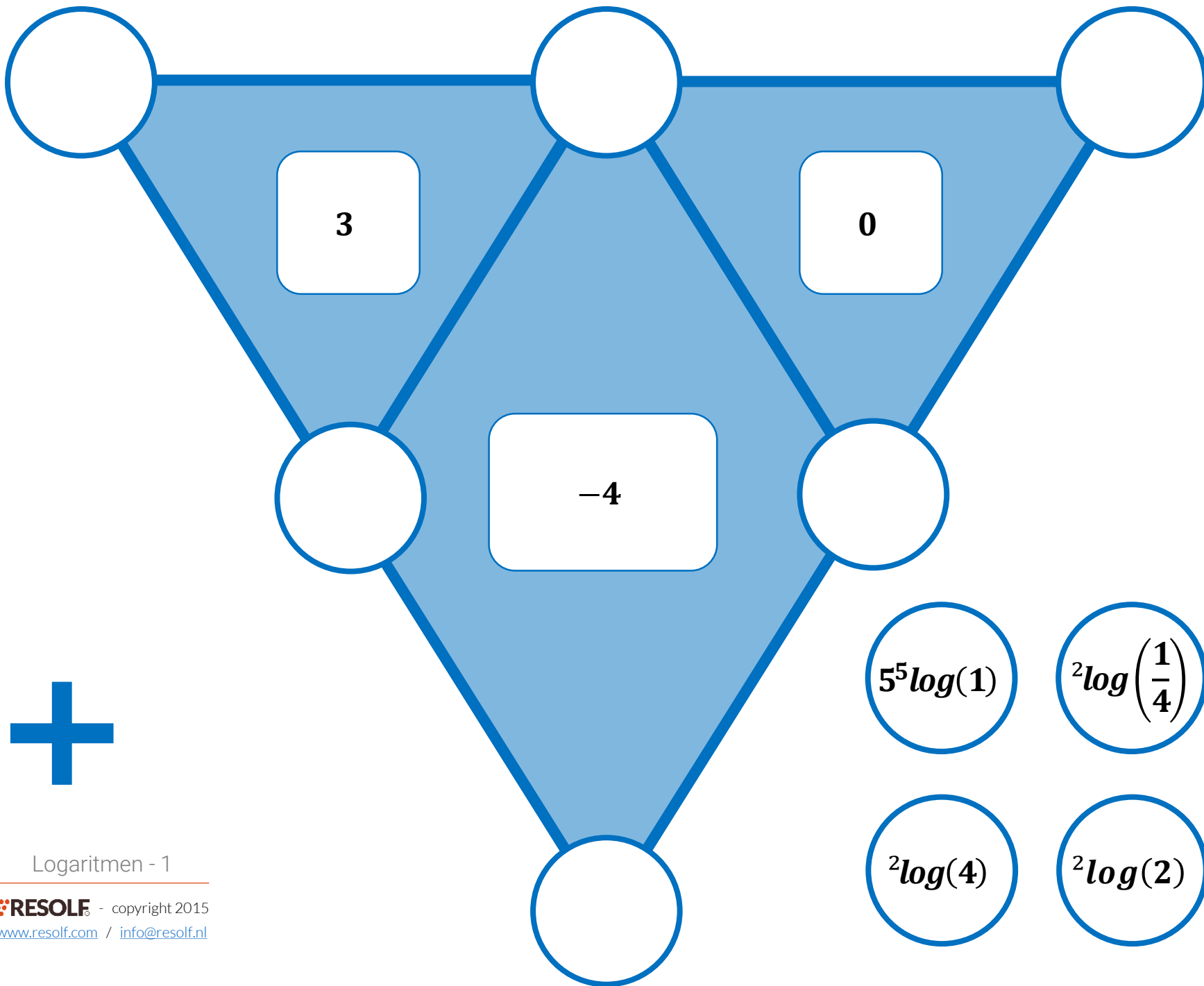
Logaritmen - 1

1

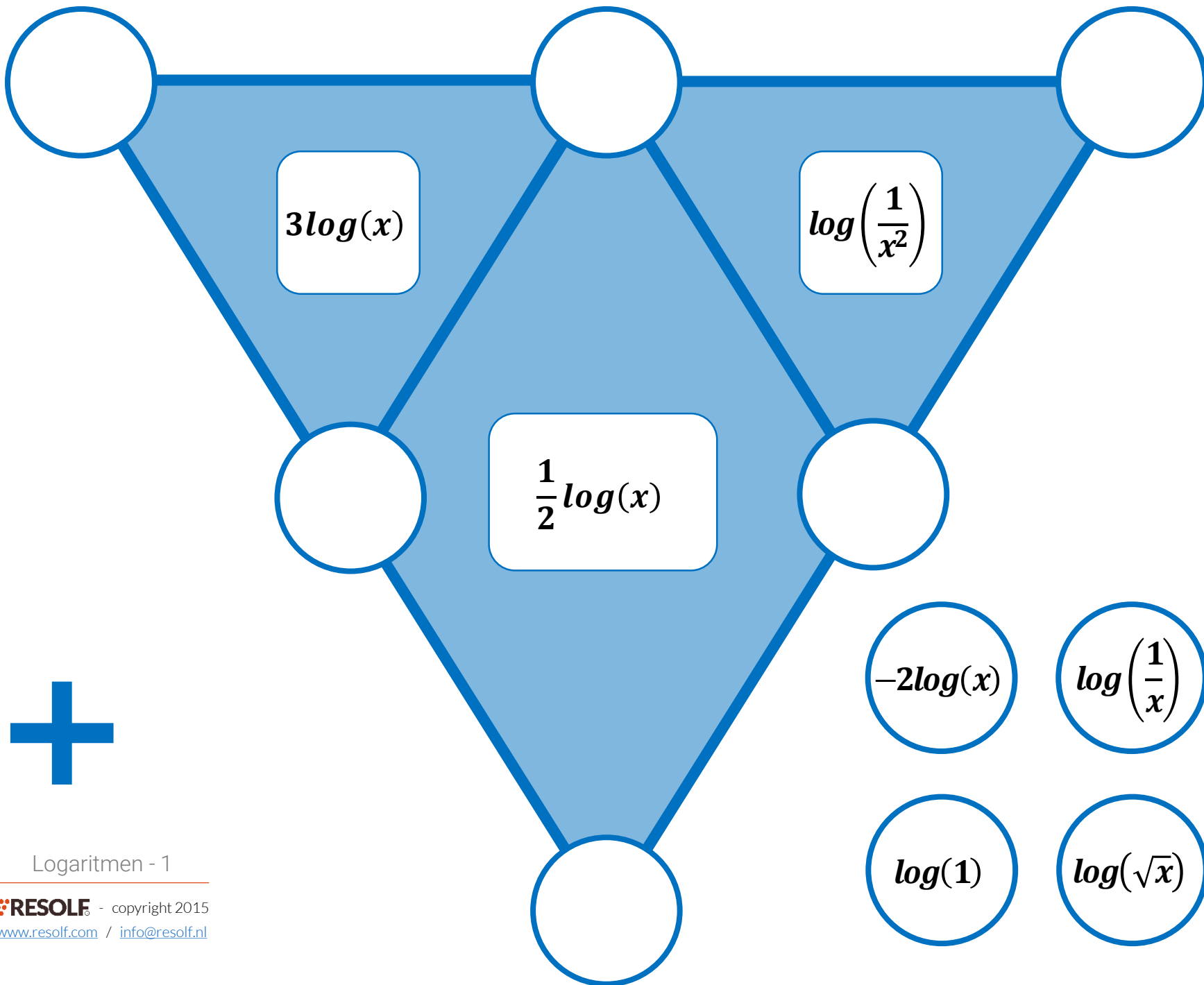


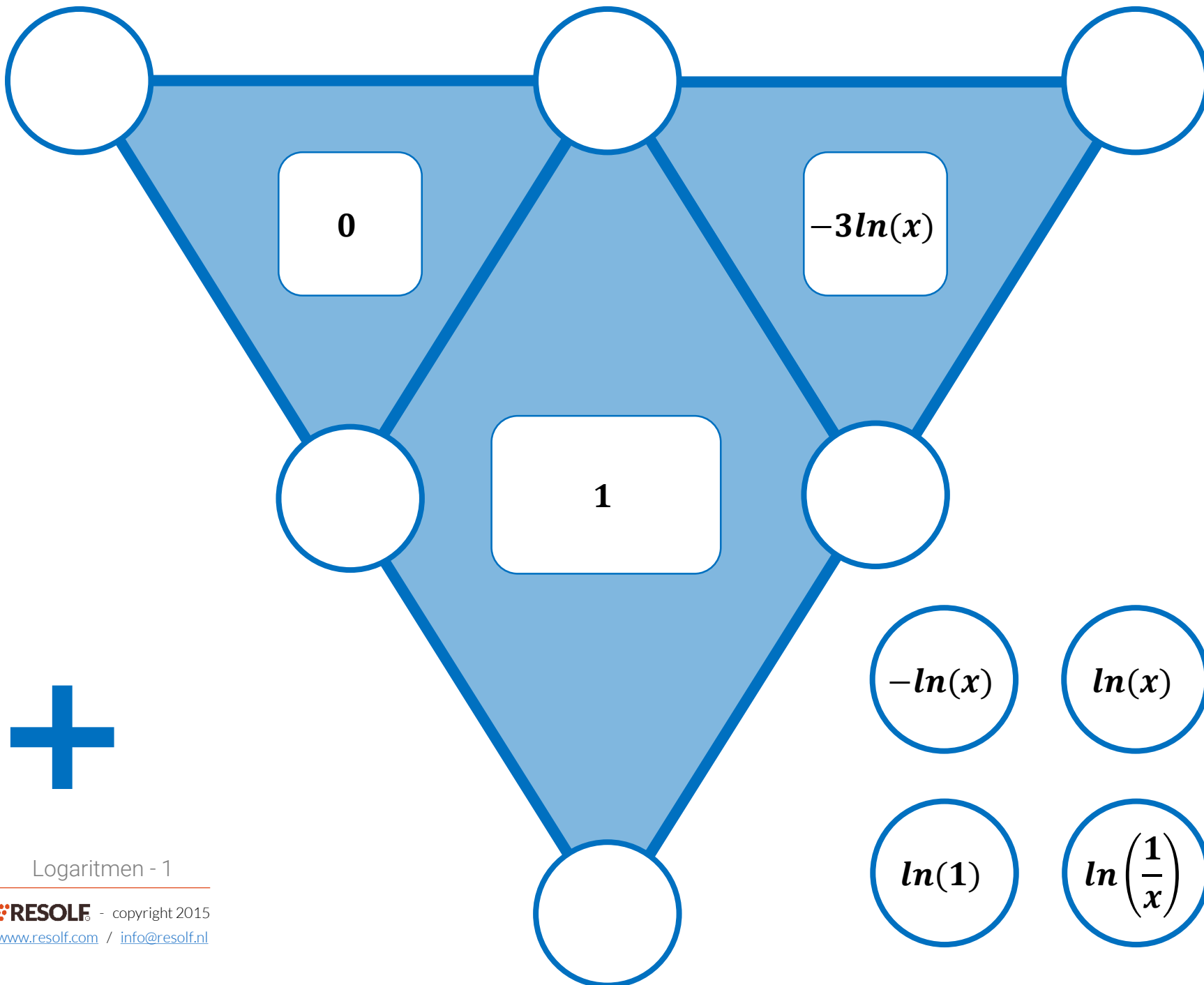
Logaritmen - 1

2

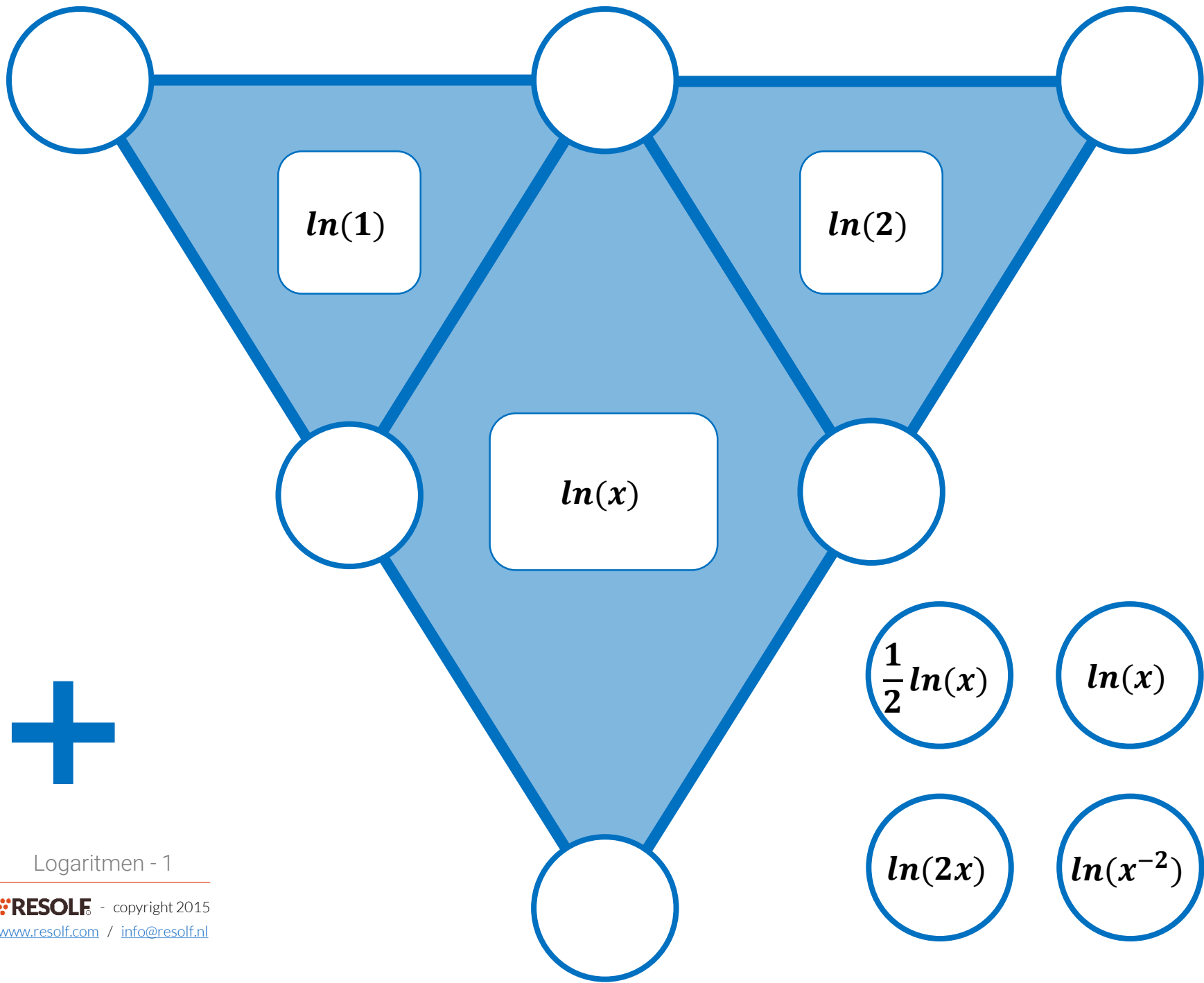


Logaritmen - 1





Logaritmen - 1



$\ln(1)$

$\ln(2)$

$\ln(x)$

$\frac{1}{2}\ln(x)$

$\ln(x)$

$\frac{-3}{2}\ln(x)$

$\ln(2x)$

$\ln(x^{-2})$

$7\ln\sqrt{x}$



$$y = {}^2\log\left(6 - \frac{5}{x}\right)$$

$$y = {}^2\log\left(5 - \frac{4}{x}\right)$$

$$y = {}^2\log(x)$$

$$(1, 0)$$

$$(5, {}^2\log 5)$$

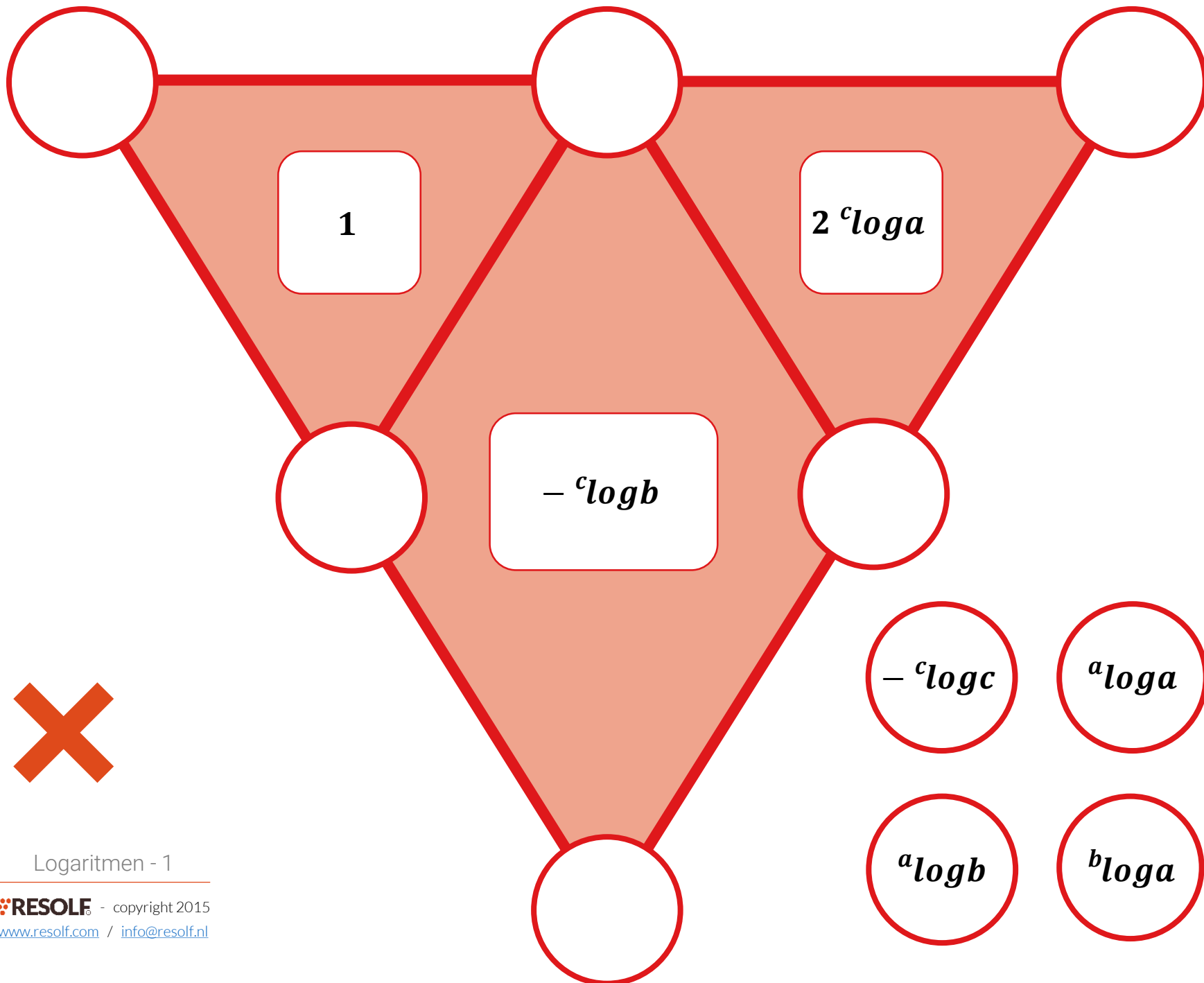
$$\left(\frac{5}{2}, 2\right)$$

$$(-2, {}^2\log 7)$$

$$(2, 1)$$

$$(4, 2)$$

f(x)



$$y = \ln(5x - 2)$$

$$y = \ln(6 + x)$$

$$y = \ln(x(x + 2))$$

$$(-3, \ln 3)$$

$$(1, \ln 7)$$

$$(3, \ln 3)$$

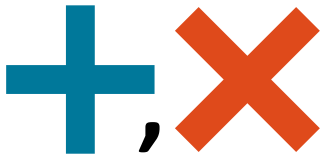
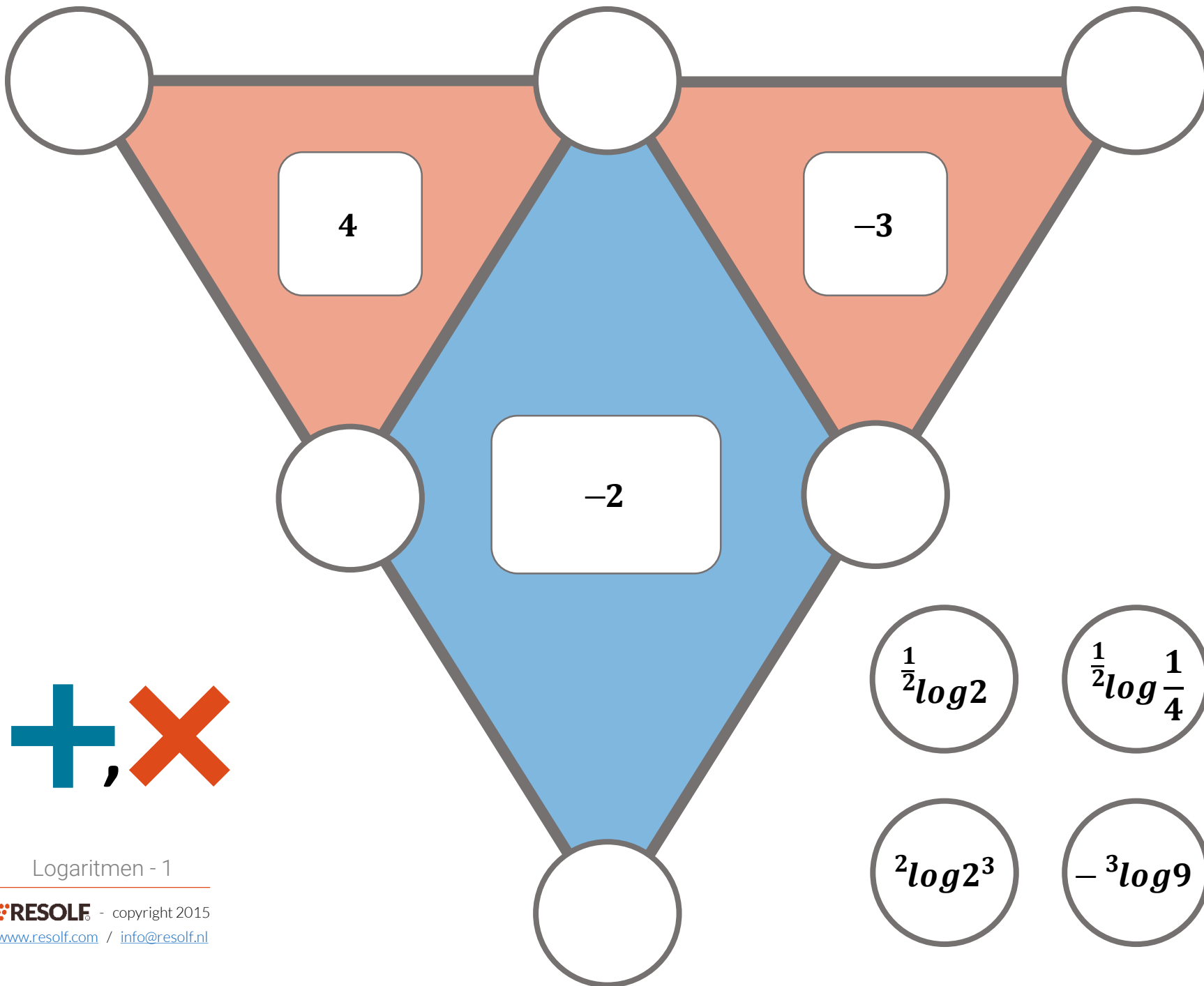
$$(2, \ln 8)$$

$$(1, \ln 3)$$

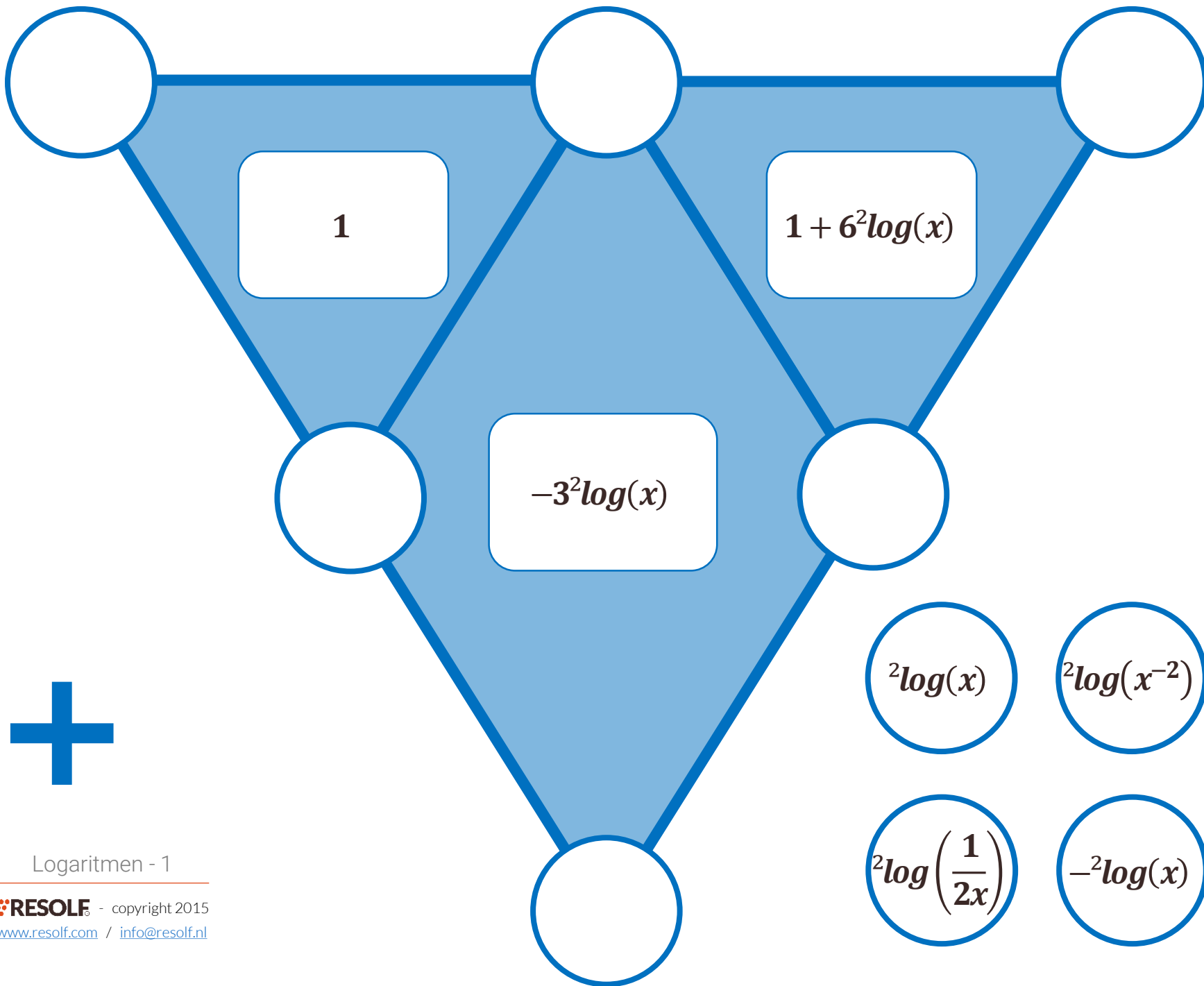
$$(4, \ln 24)$$

$f(x)$

Logaritmen - 1



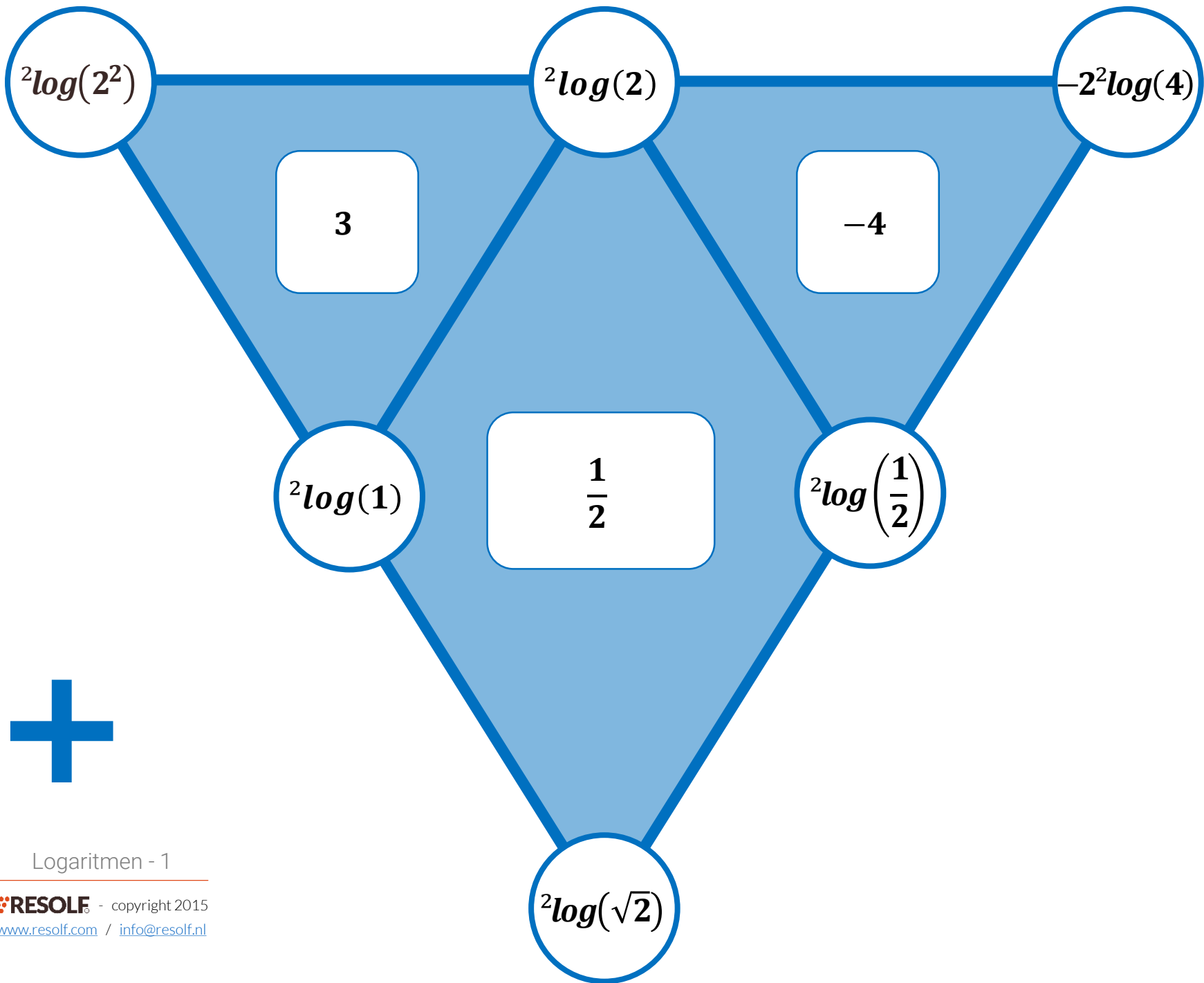
Logaritmen - 1

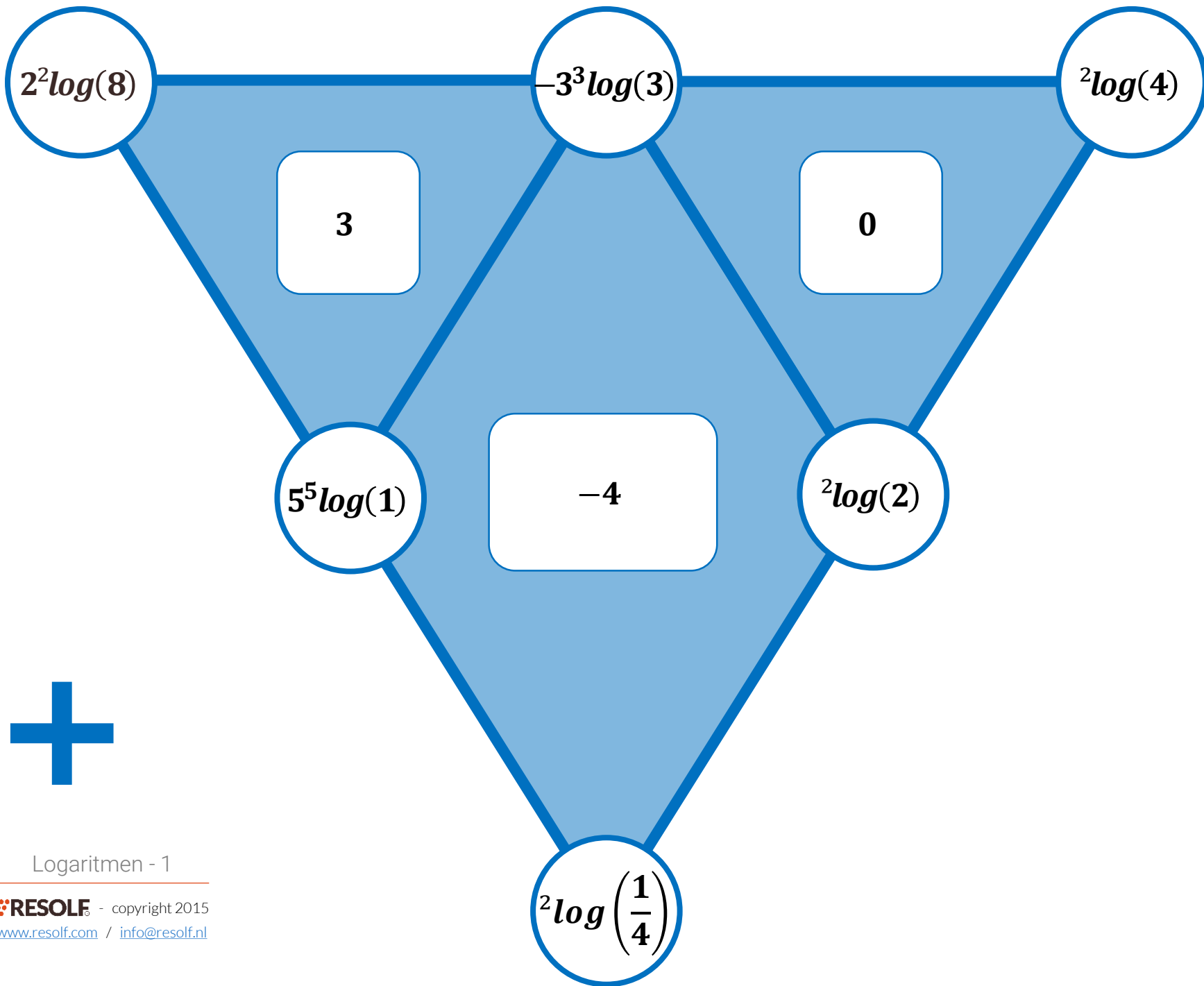


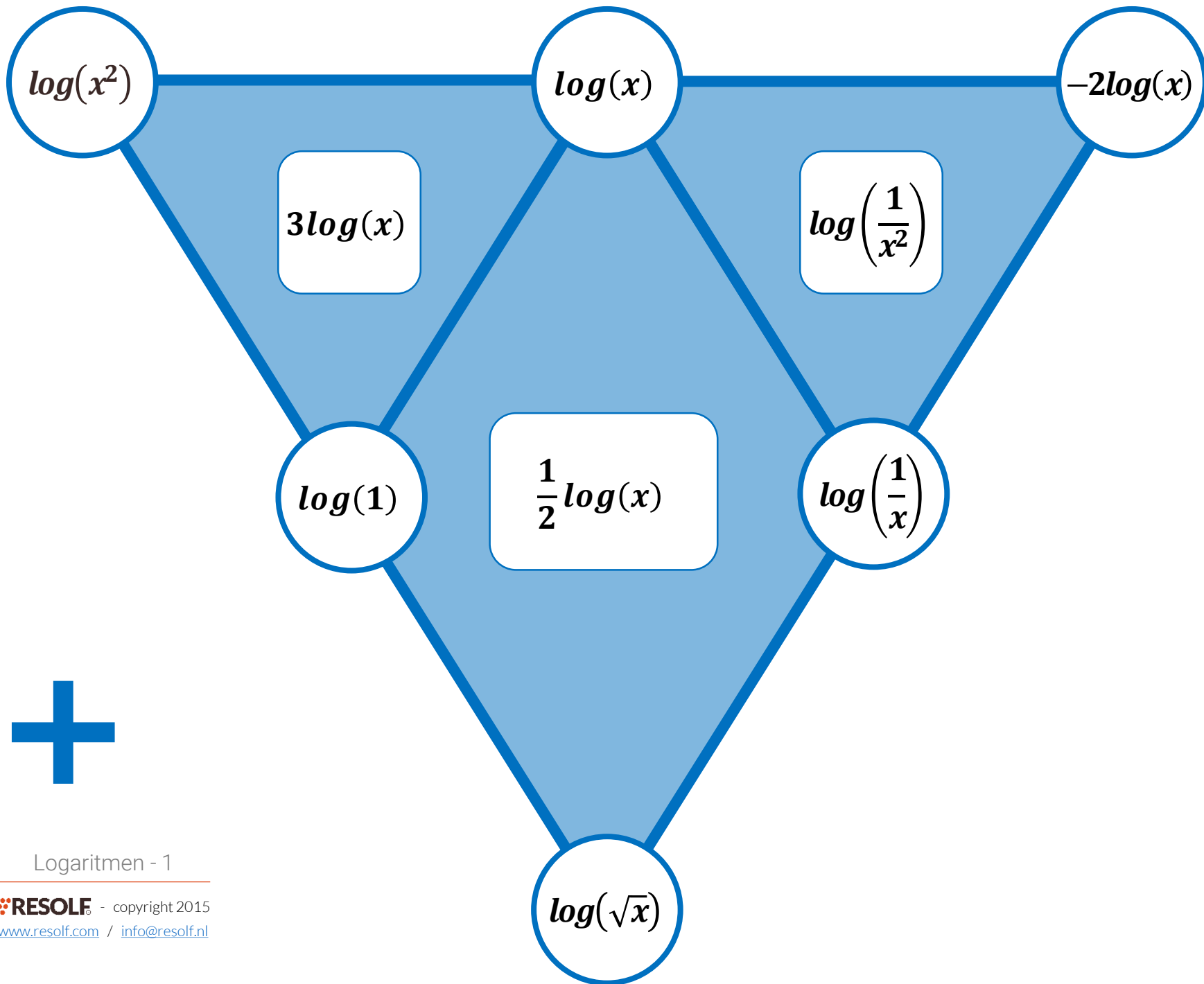


OPLOSSINGEN

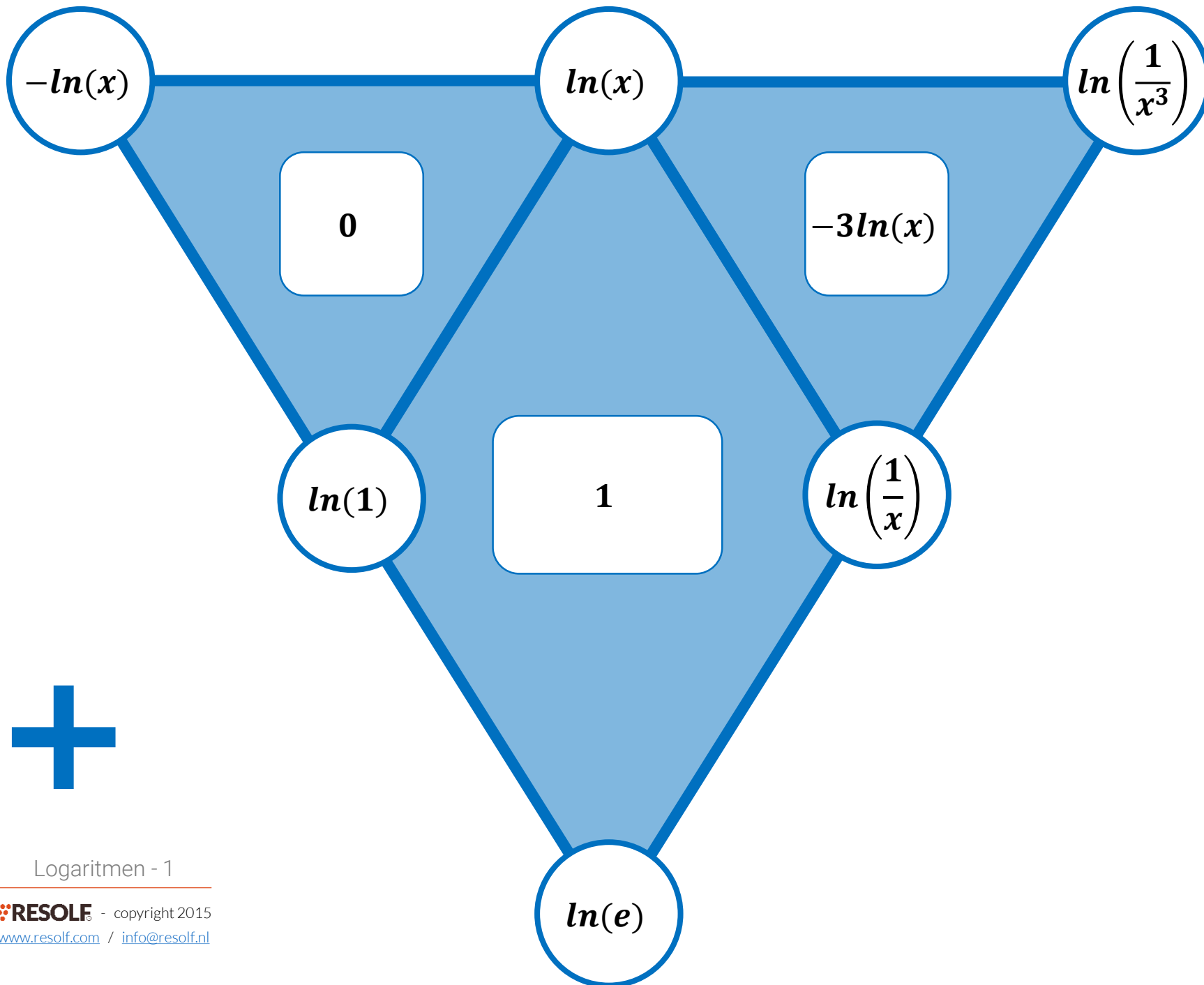
Logaritmen - 1

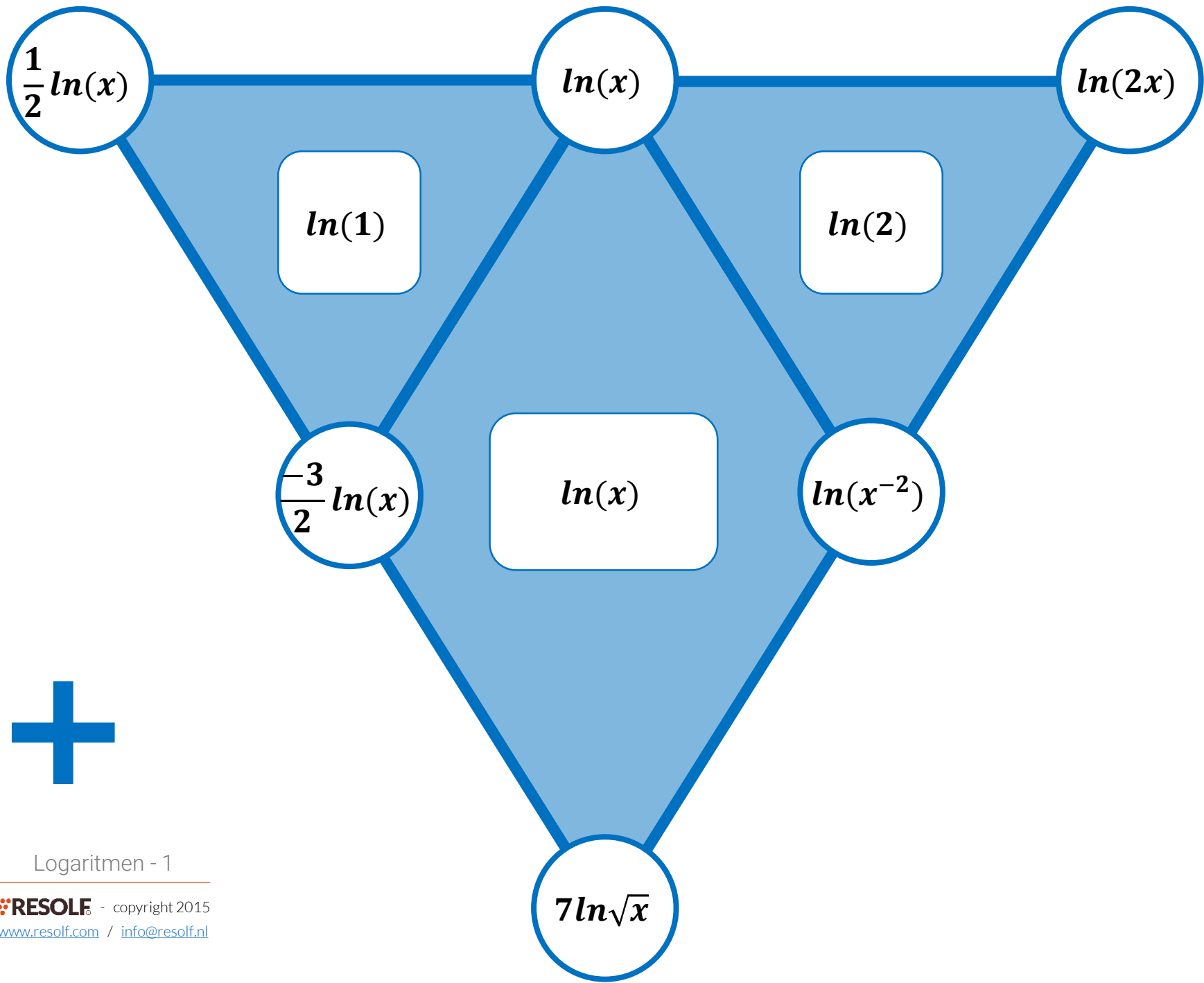


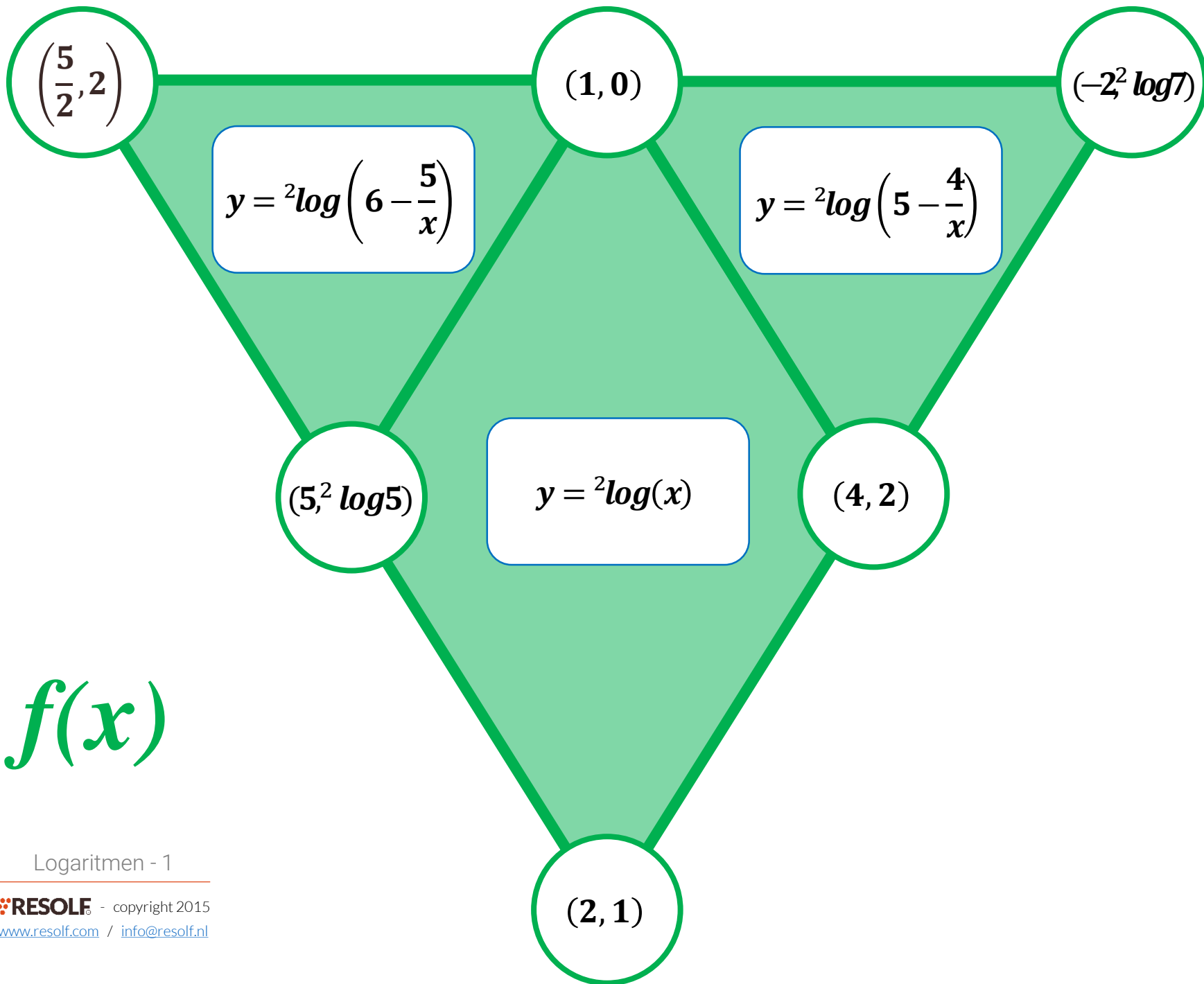




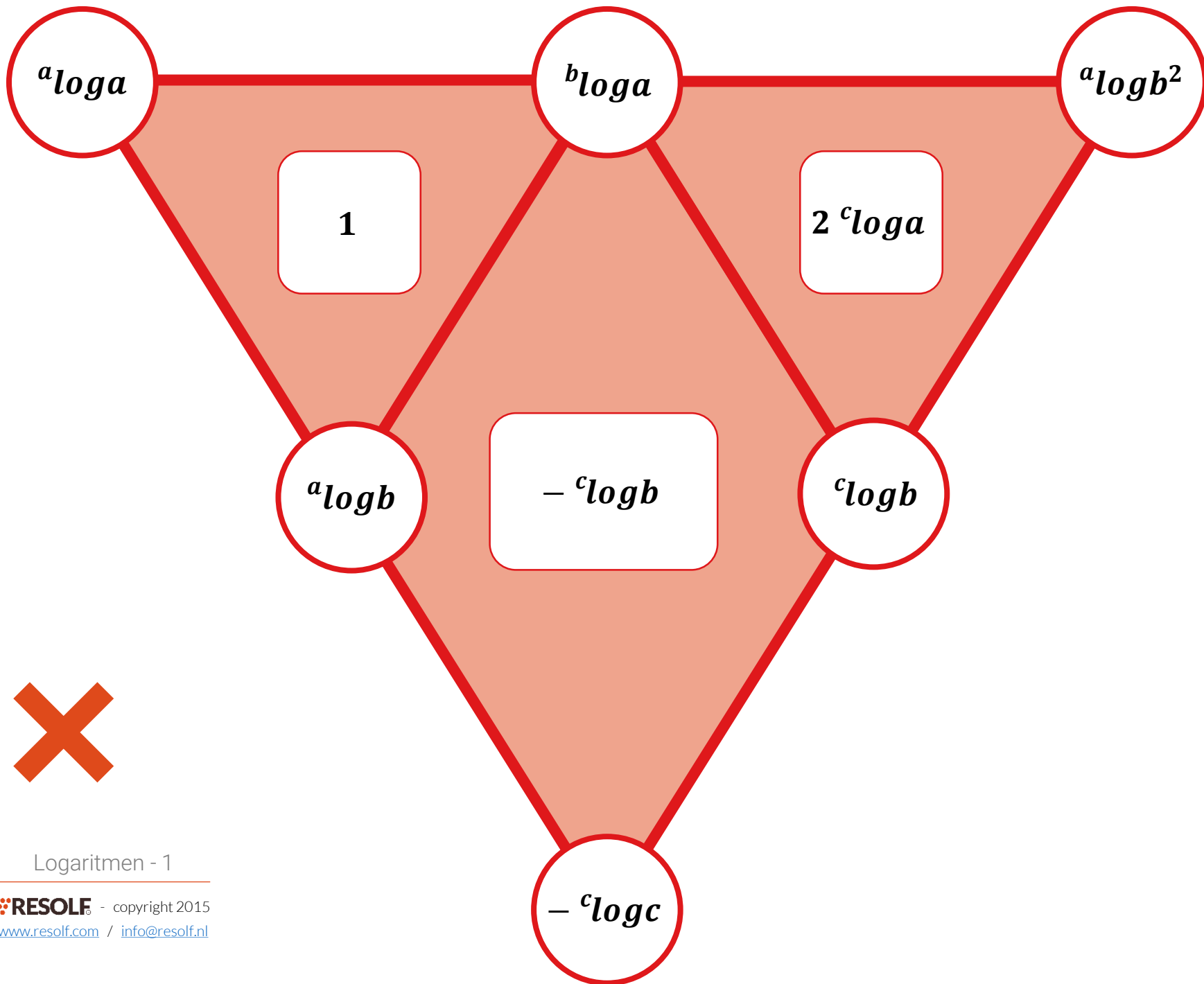
Logaritmen - 1

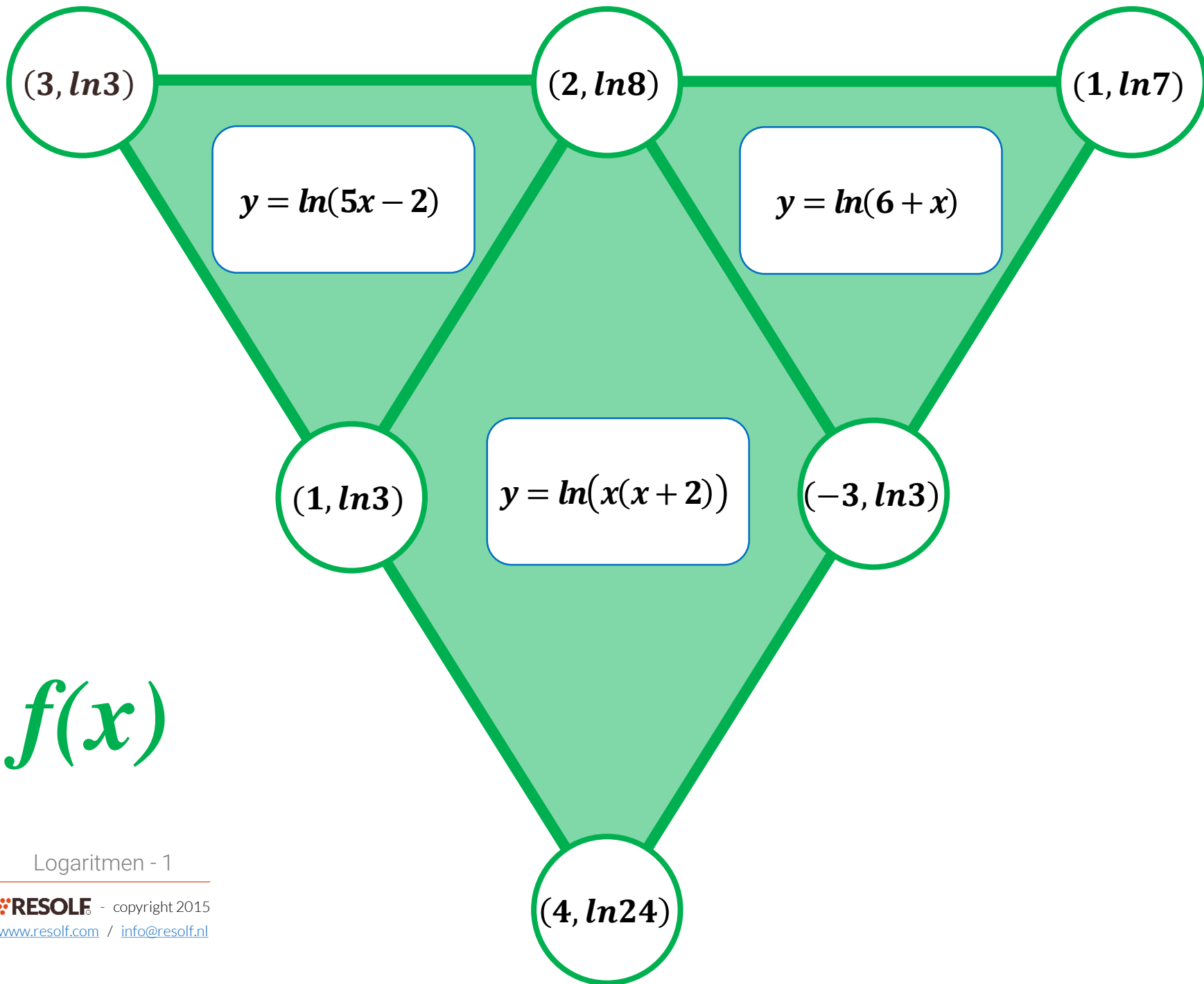




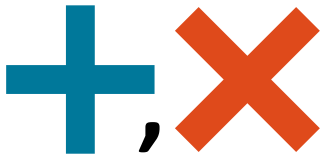
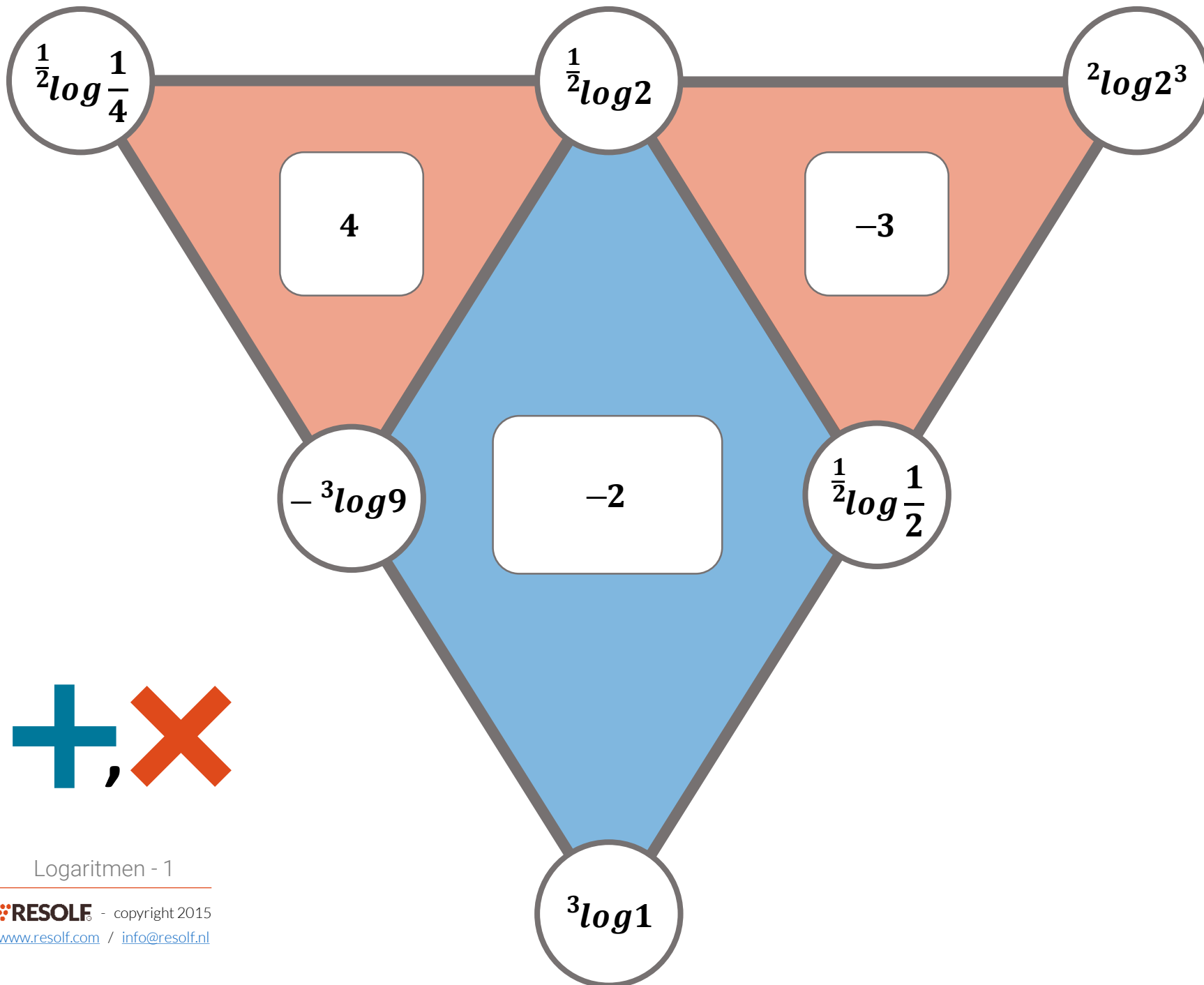
 $f(x)$

Logaritmen - 1



 $f(x)$

Logaritmen - 1



Logaritmen - 1

