



Machten - 1

$$a^p * a^q = a^{p+q}$$

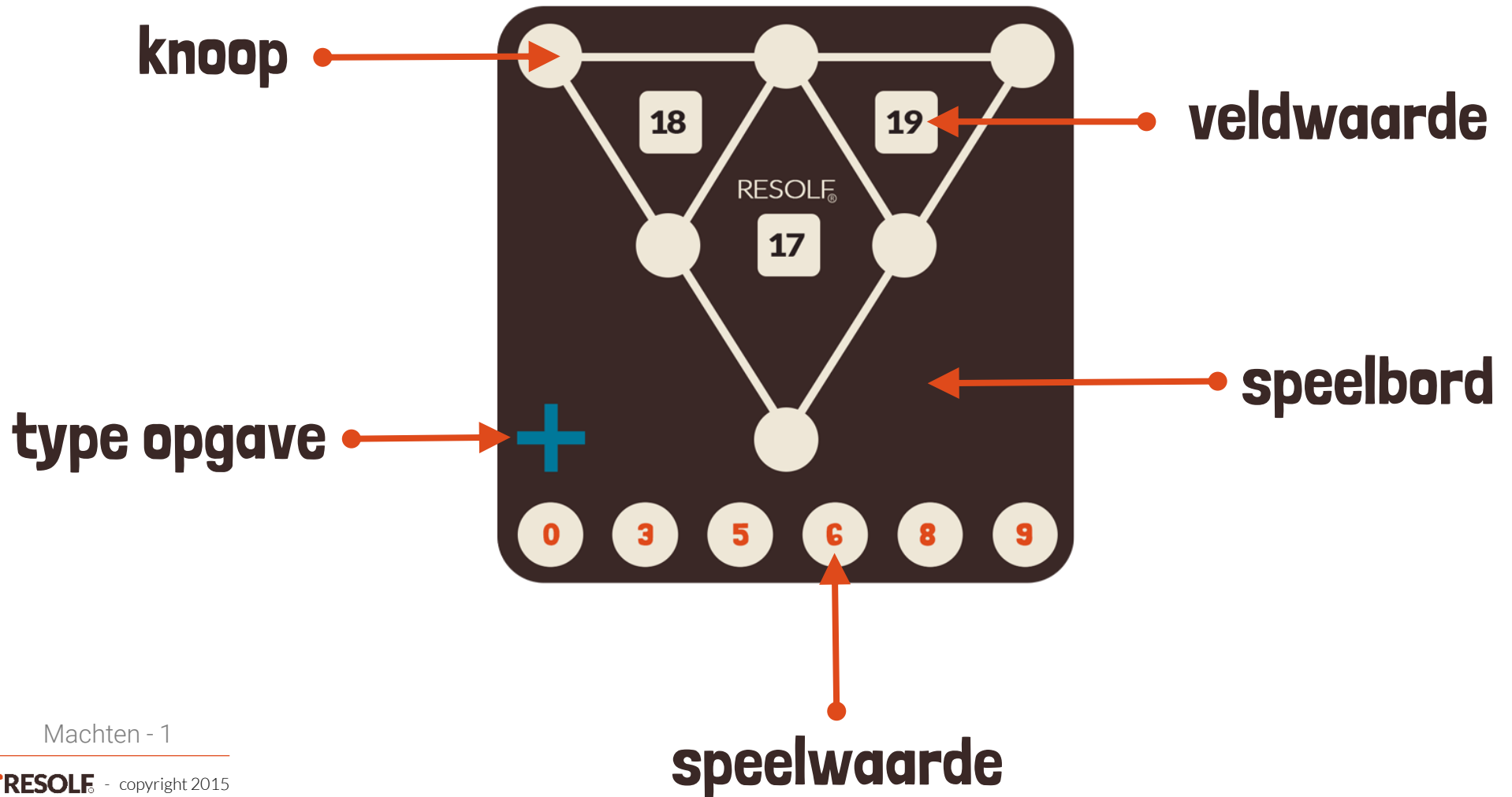
$$(a^p)^q = a^{p*q}$$

$$a^{-p} = \frac{1}{a^p}$$

$$a^0 = 1$$

Machten - 1

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



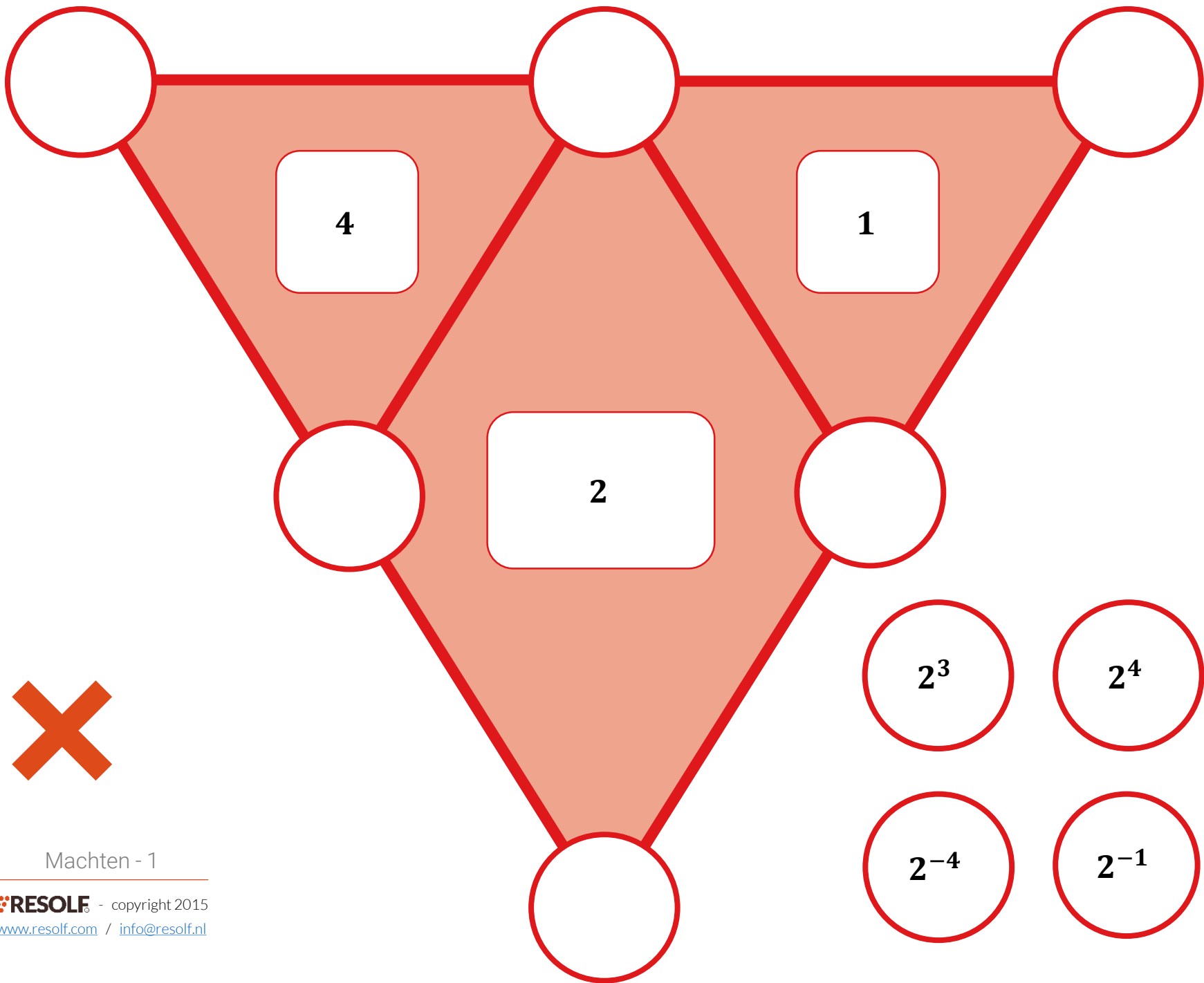
Plaats de
speelcoördinaten in
de knopen zodat ze
**voldoen aan de
vergelijking** in het
veld.



OPGAVEN

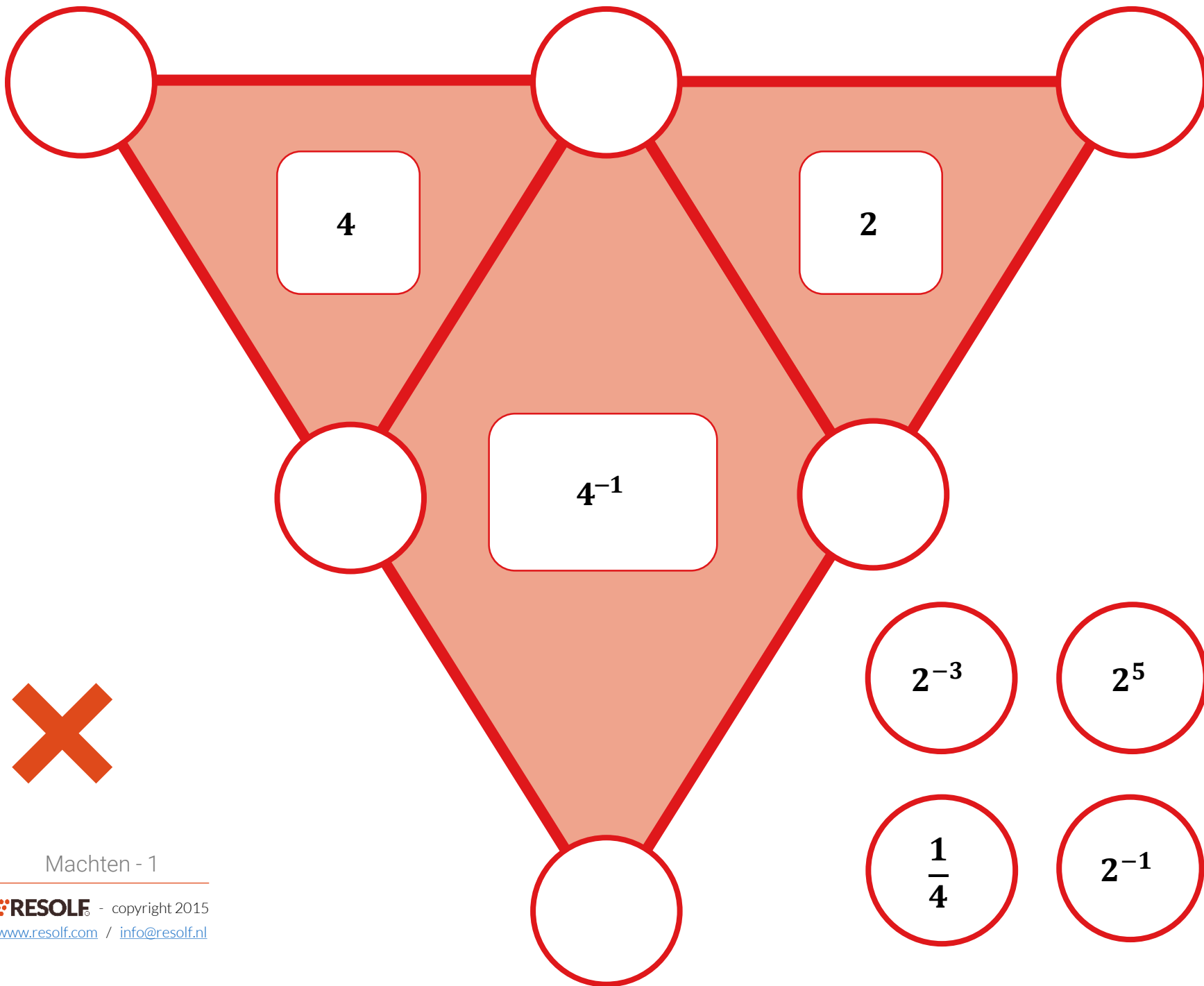
Machten - 1

1



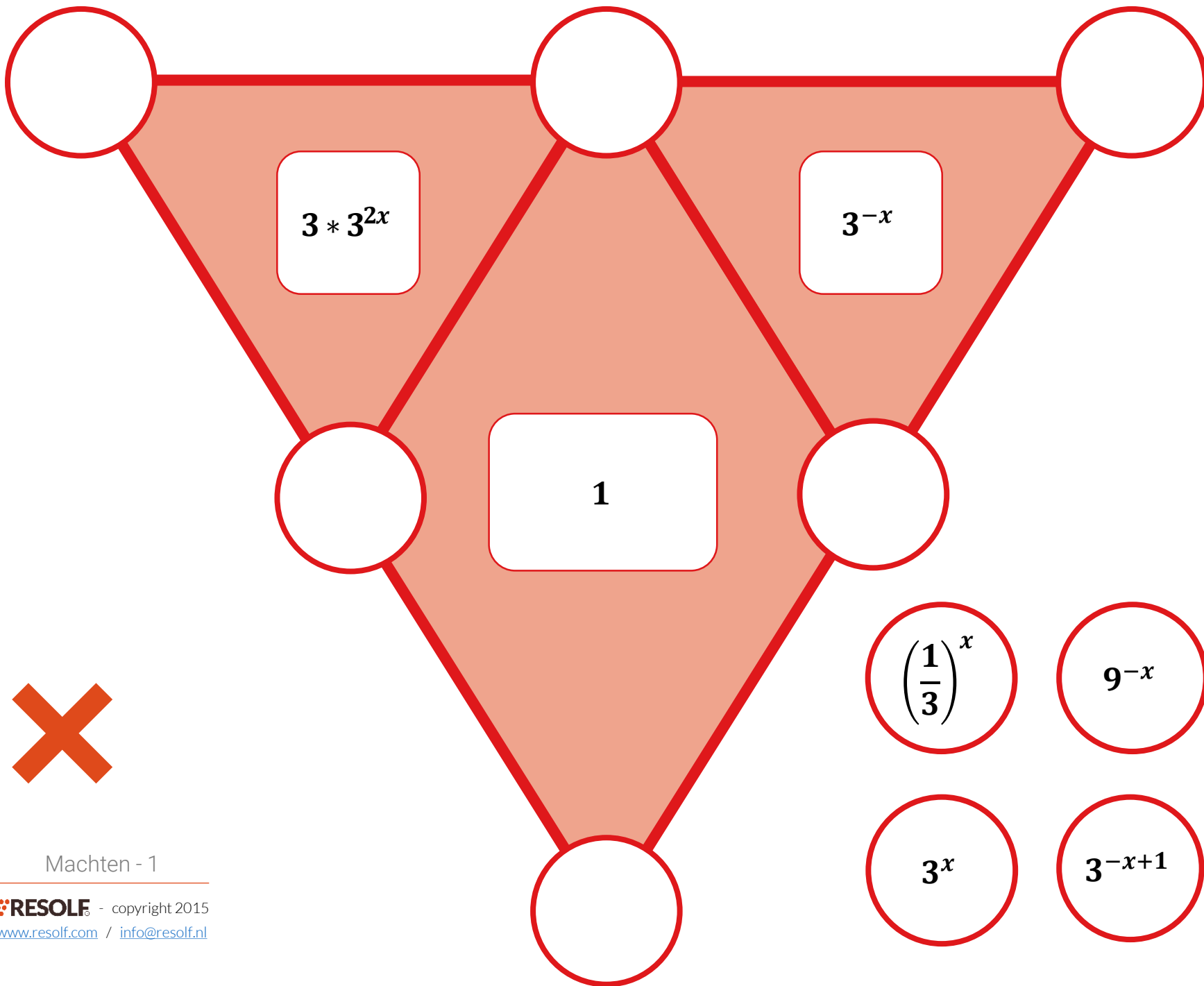
Machten - 1

2



Machten - 1

3



$$3 * 3^{2x}$$

$$3^{-x}$$

$$1$$

$$\left(\frac{1}{3}\right)^x$$

$$9^{-x}$$

$$3^{2x}$$

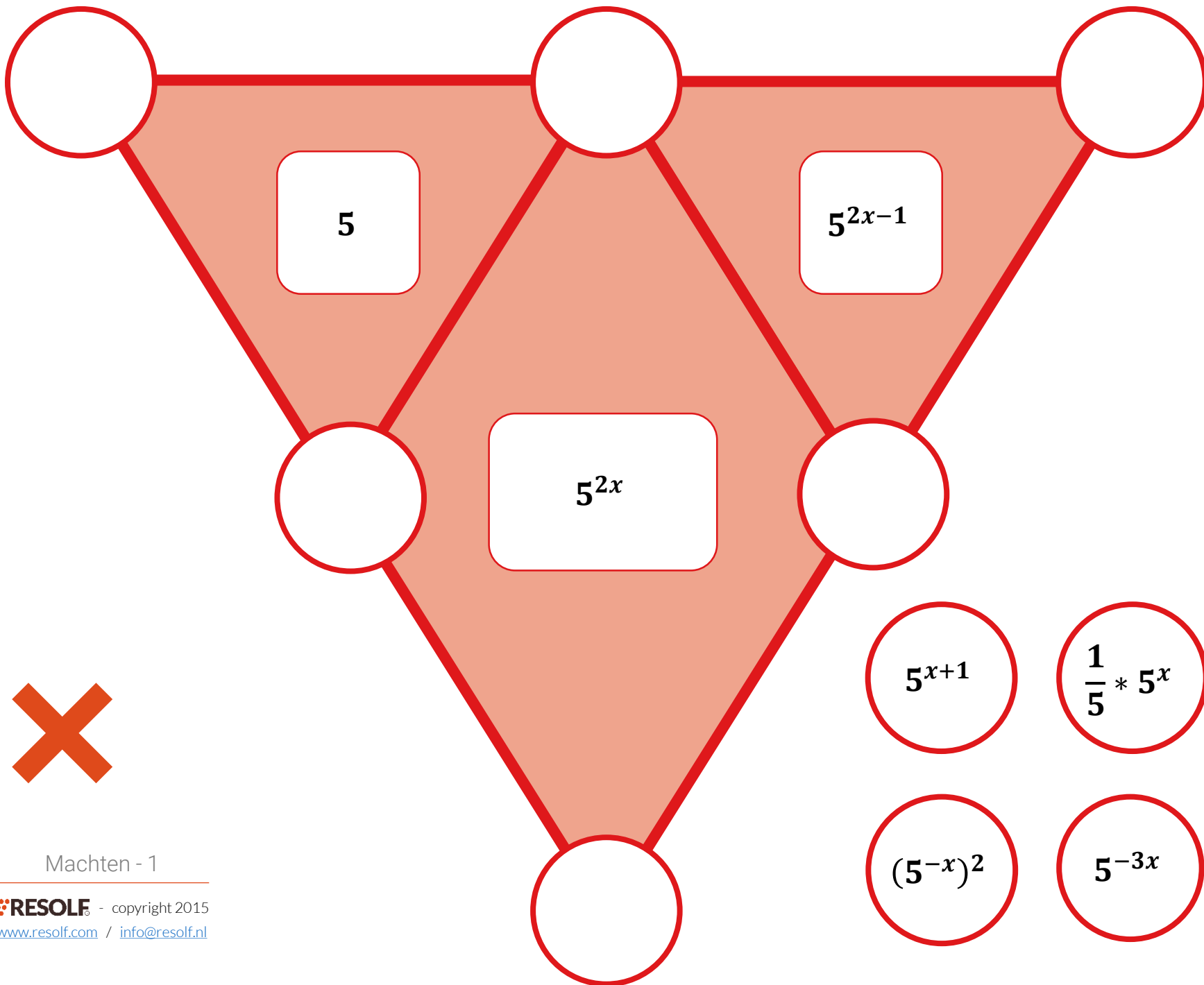
$$3^x$$

$$3^{-x+1}$$

$$3^{x-1}$$



Machten - 1



Machten - 1

$$y = (3)^{\frac{-2}{x}}$$

$$y = (3)^{\frac{6}{x}-4}$$

$$y = (3)^{x-3}$$

$f(x)$

Machten - 1

$(-1, 9)$

$(0, \frac{1}{27})$

$(3, \frac{1}{9})$

$(1, \frac{1}{9})$

$(-3, \frac{1}{729})$

$(2, \frac{1}{3})$

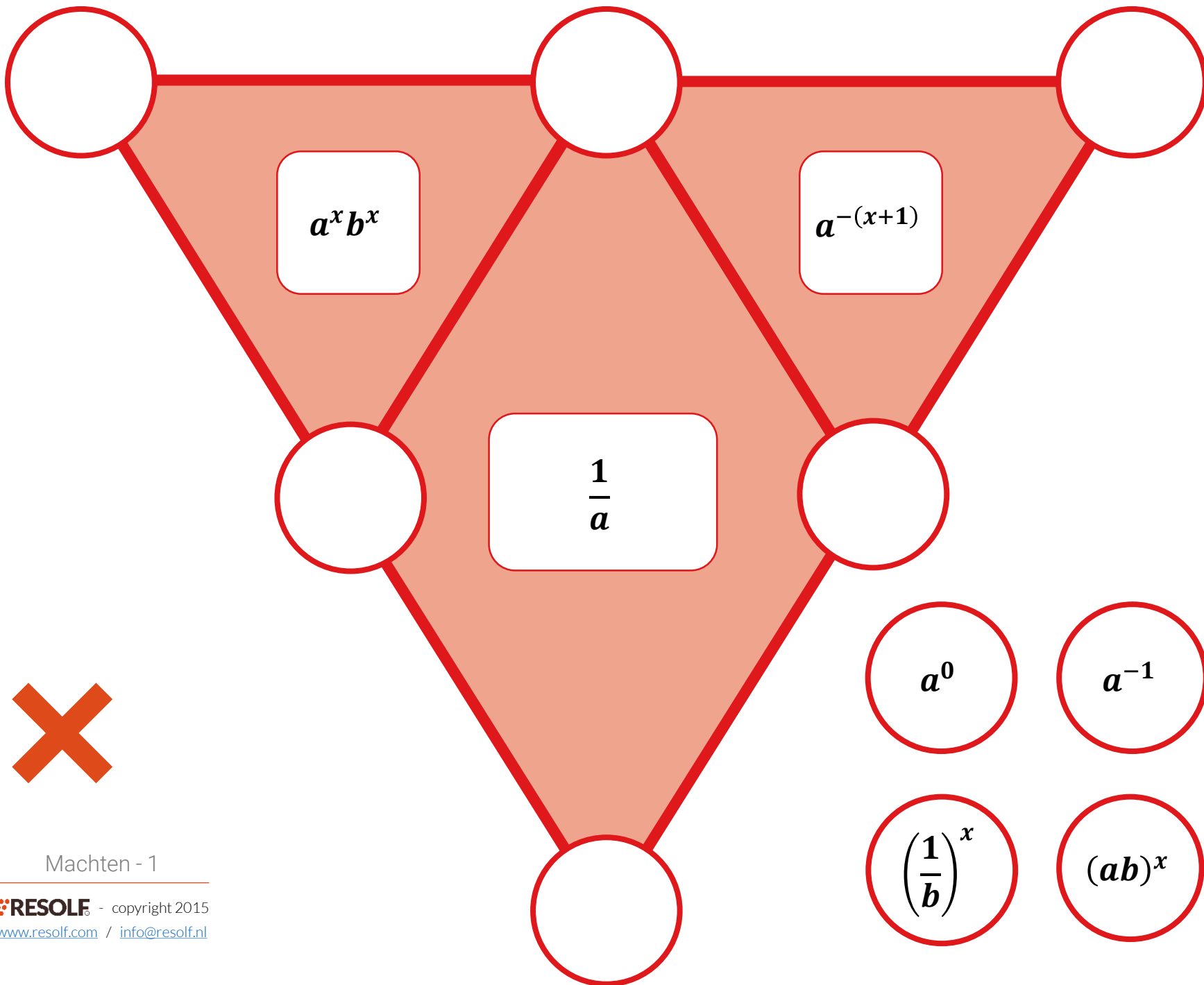
$$y = (2)^{\frac{-2}{x}+4}$$

$$y = (2)^{\frac{6}{x}}$$

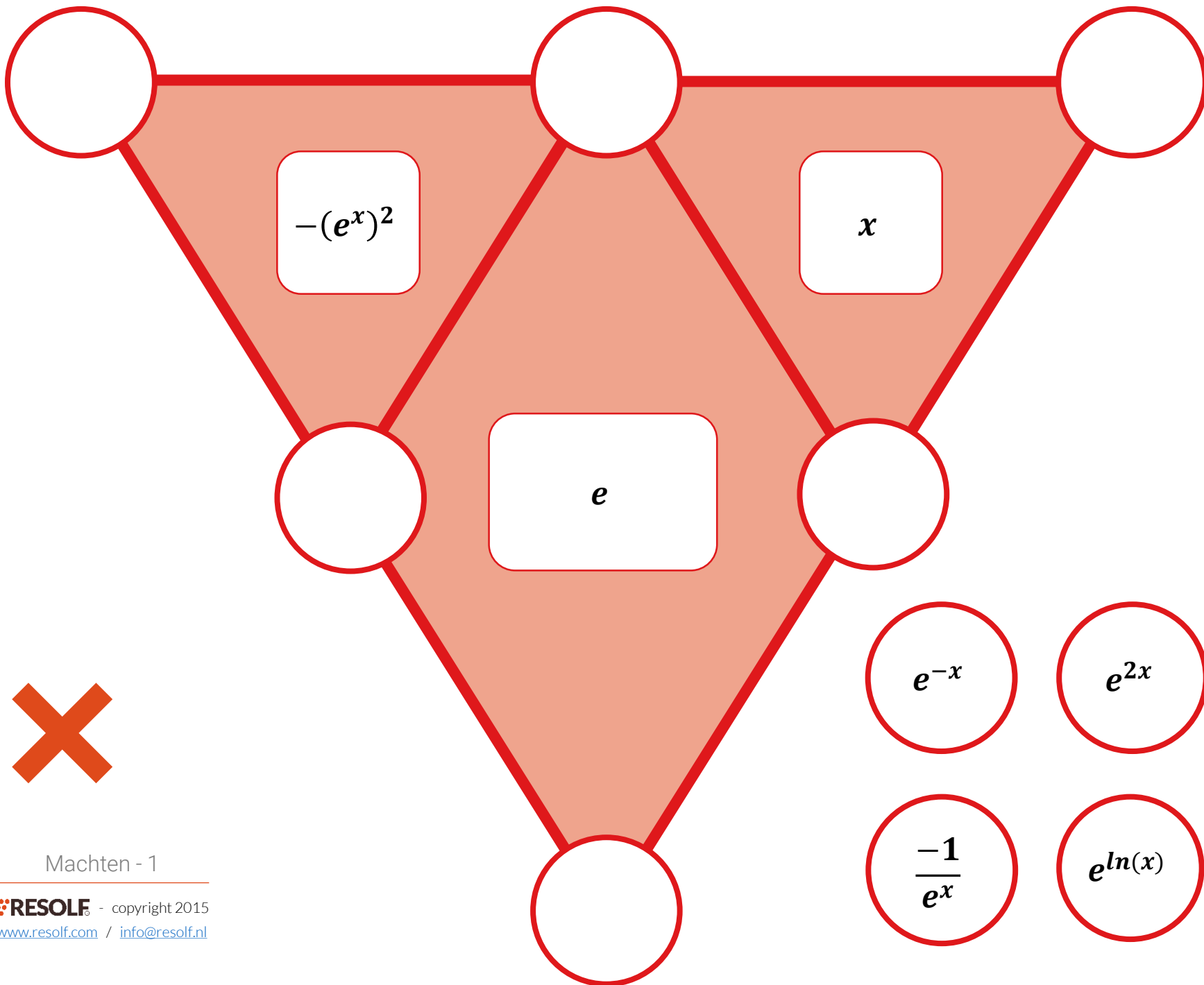
$$y = (2)^{x+1}$$

 $(2, 8)$ $(6, 2)$ $(1, 4)$ $\left(\frac{1}{2}, 1\right)$ $(0, 2)$ $\left(-3, \frac{1}{4}\right)$ $f(x)$

Machten - 1



Machten - 1

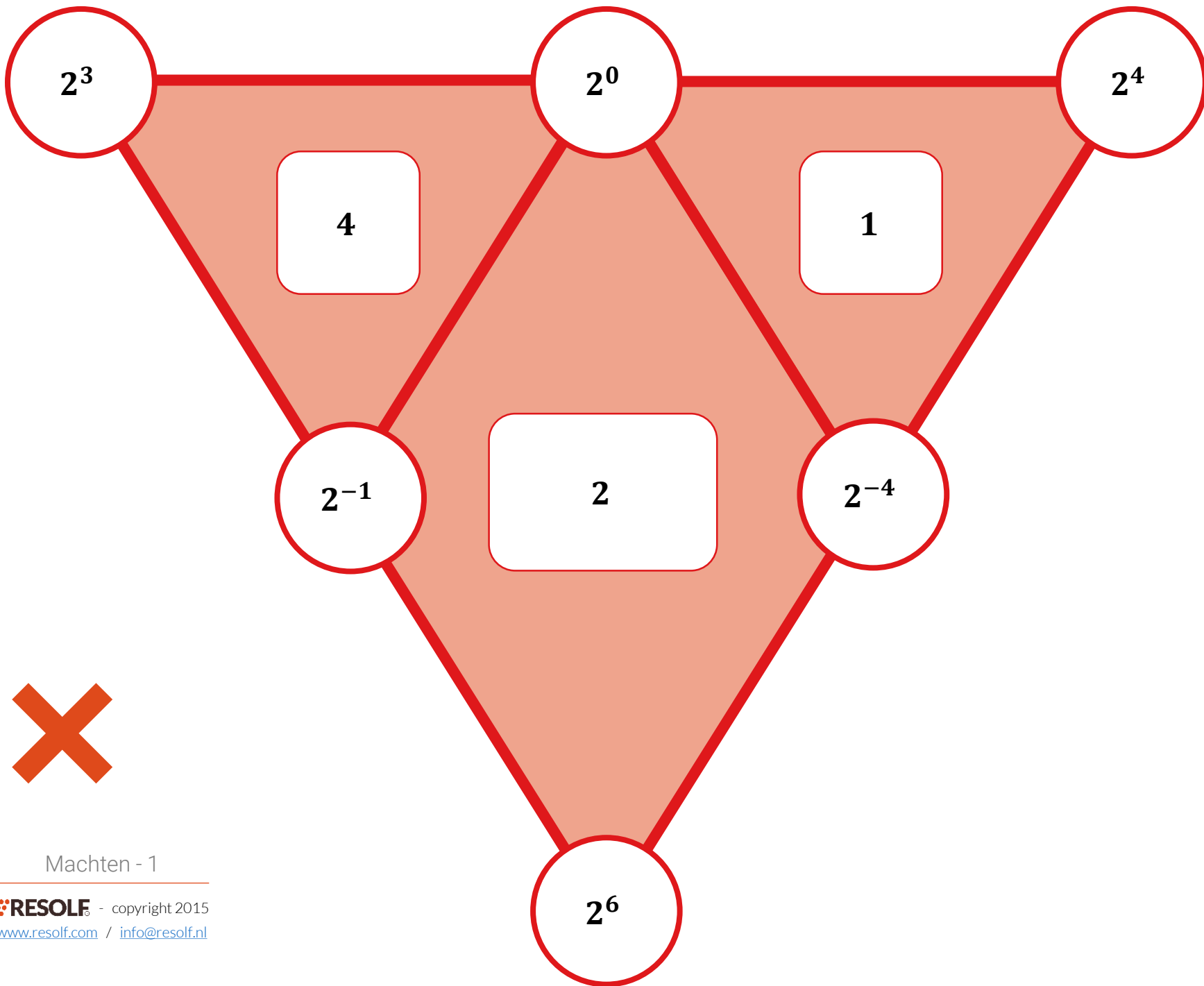


Machten - 1

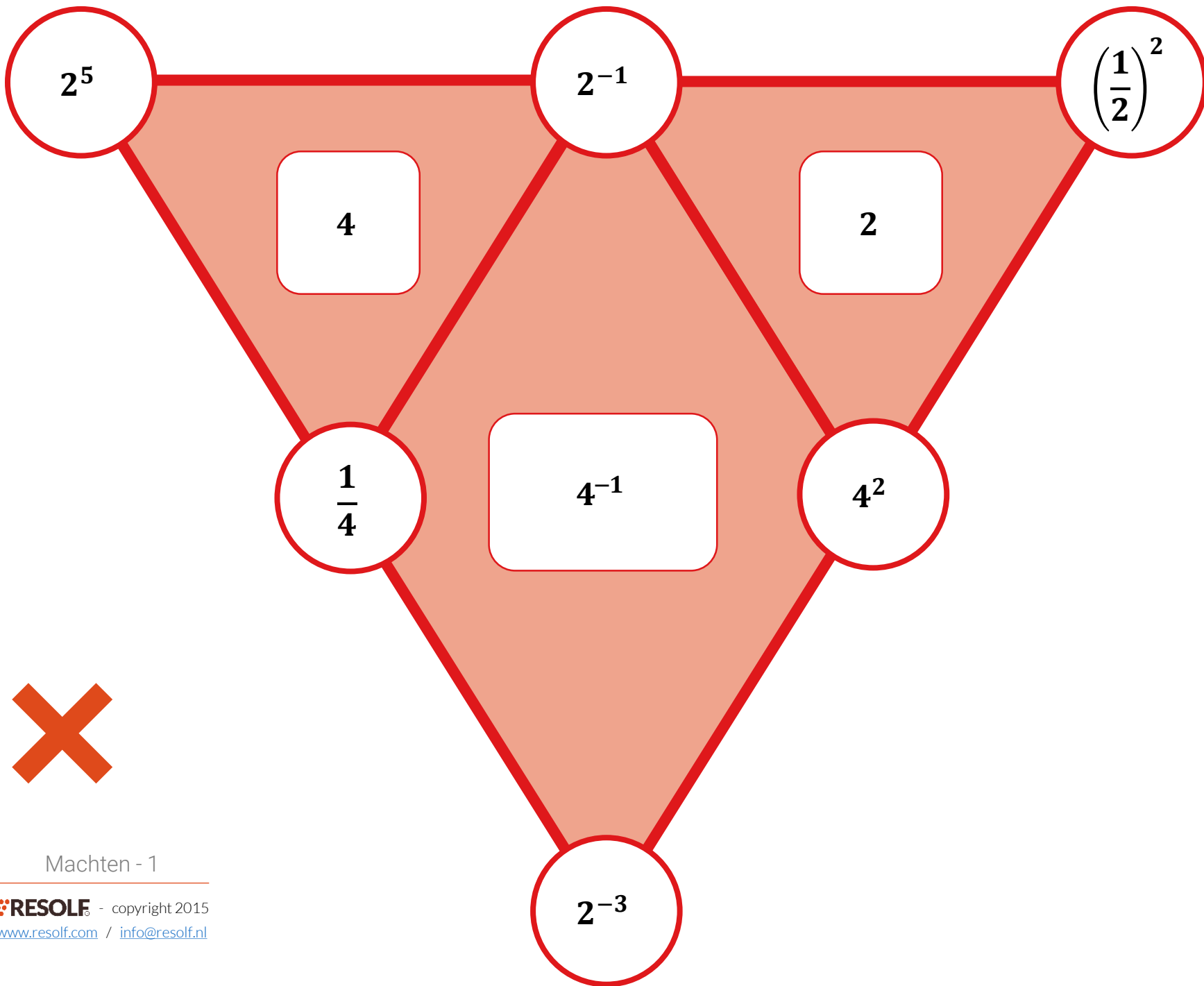


OPLOSSINGEN

Machten - 1



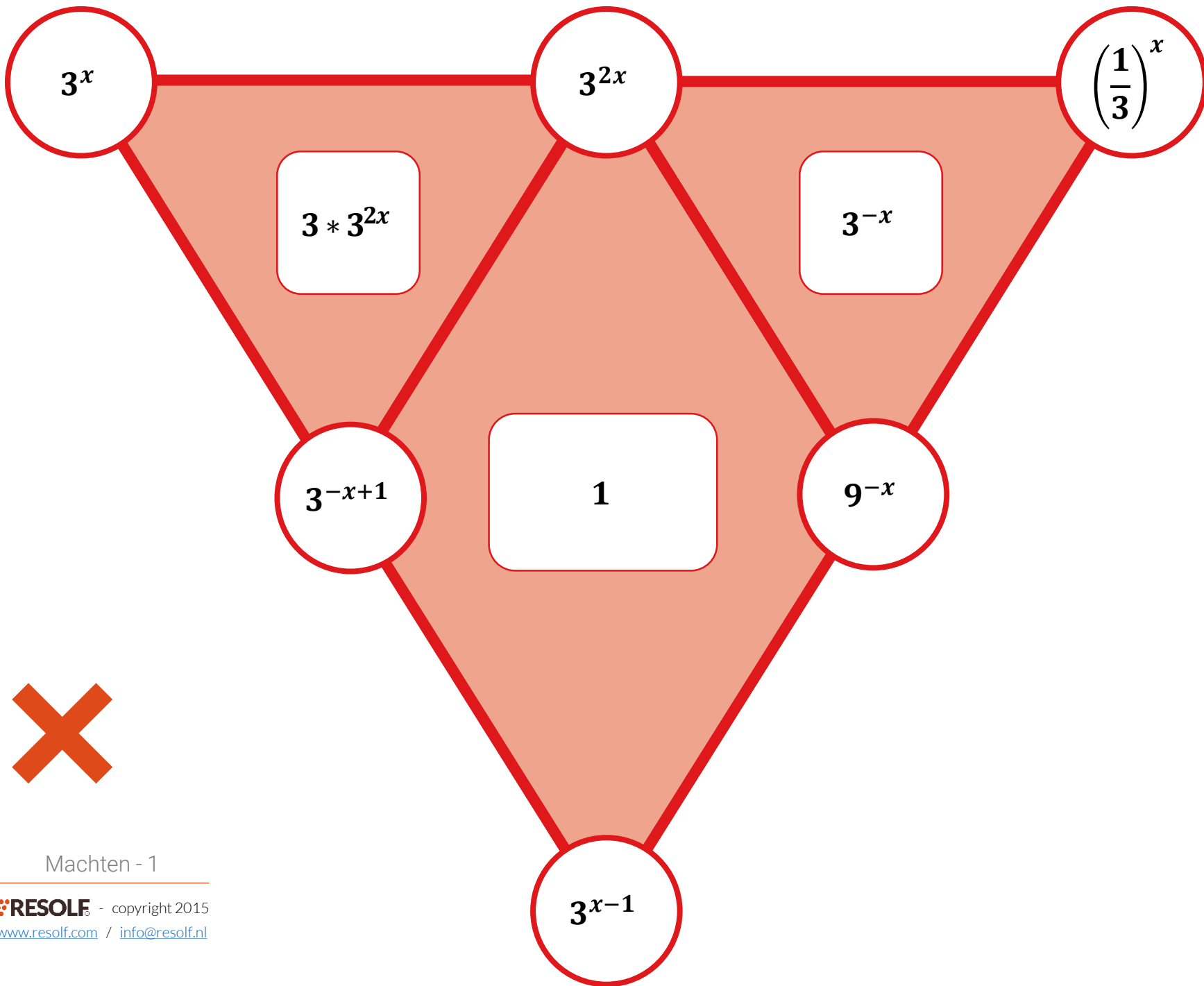
Machten - 1



2

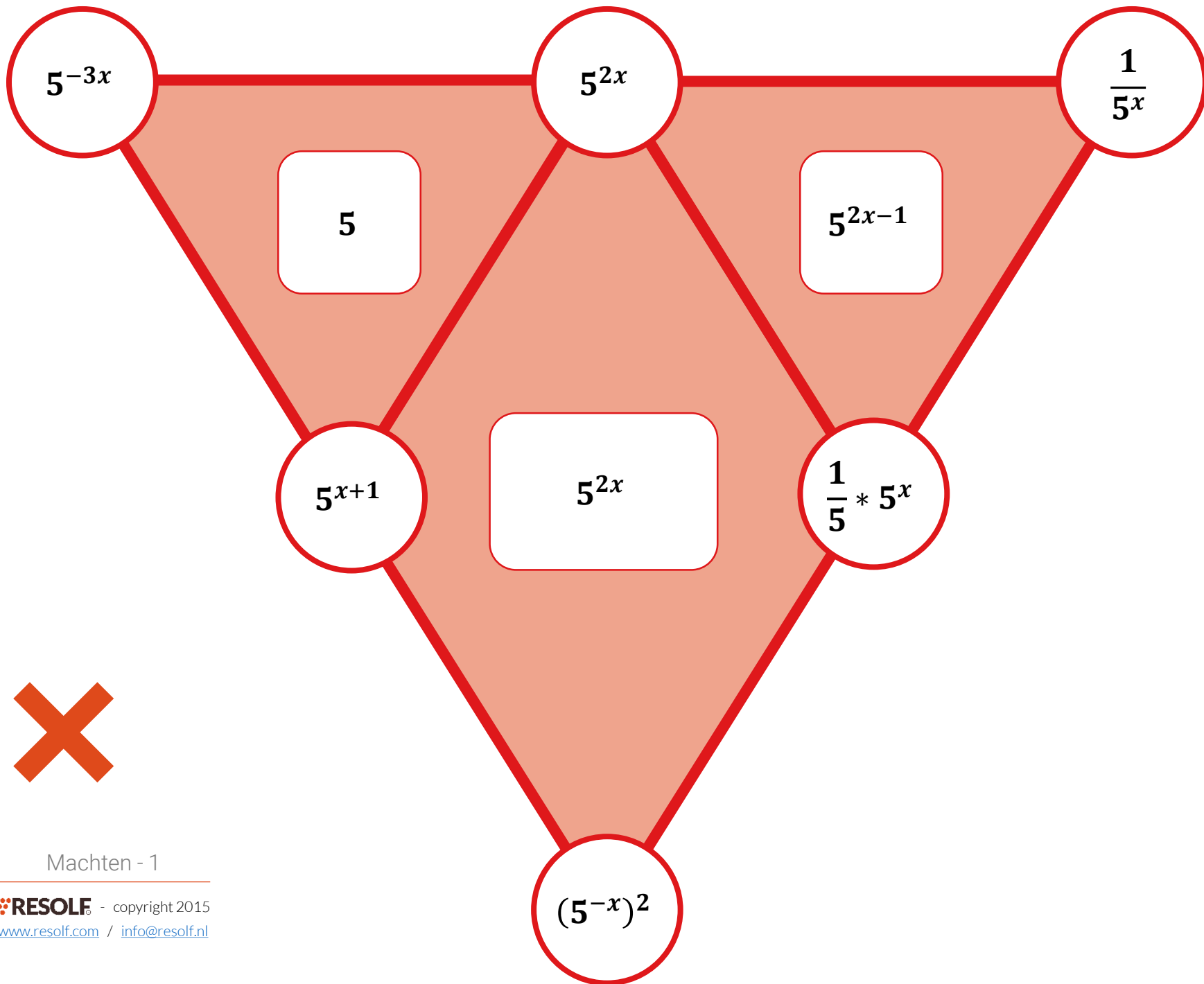


Machten - 1

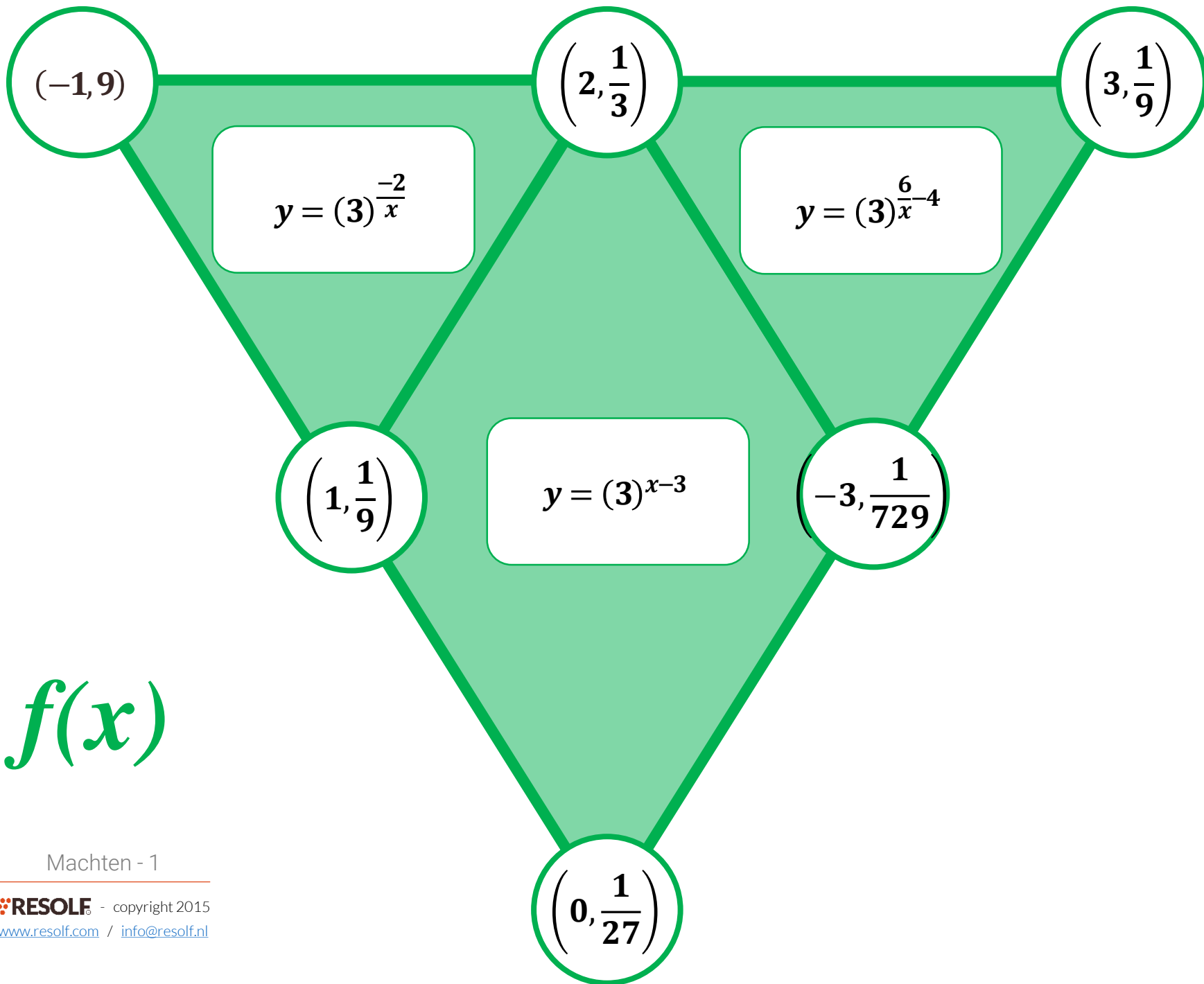


3

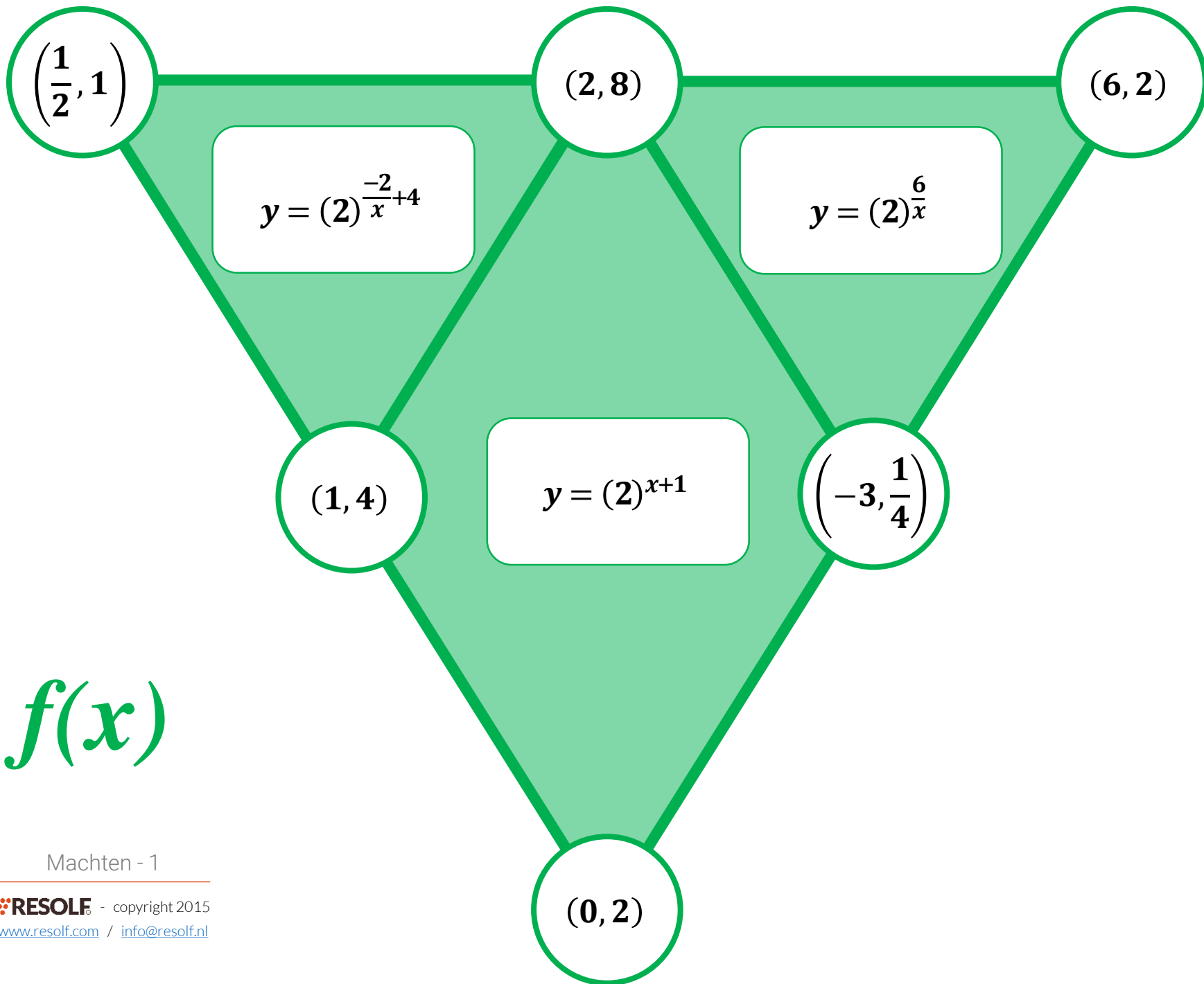
Machten - 1



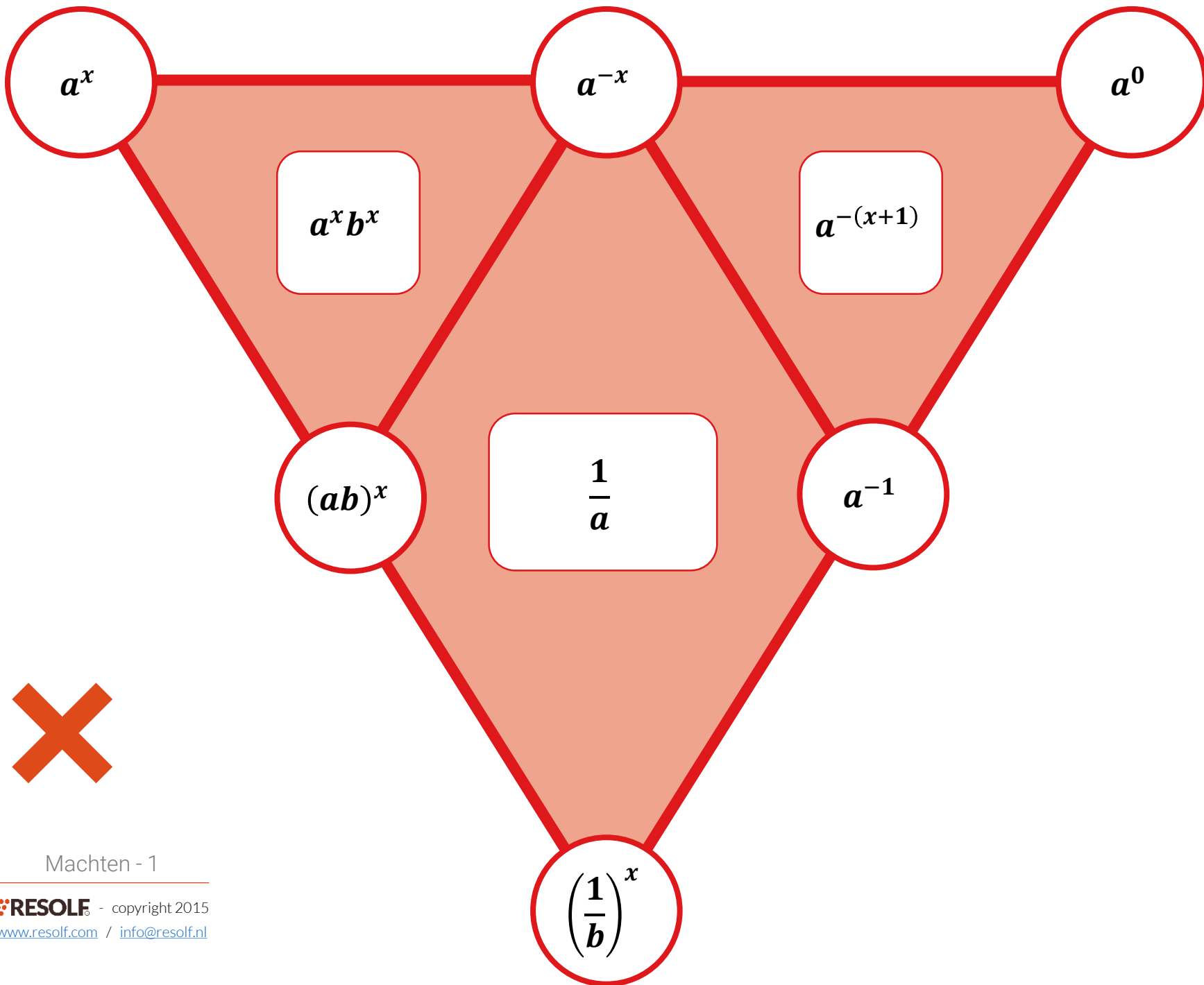
Machten - 1



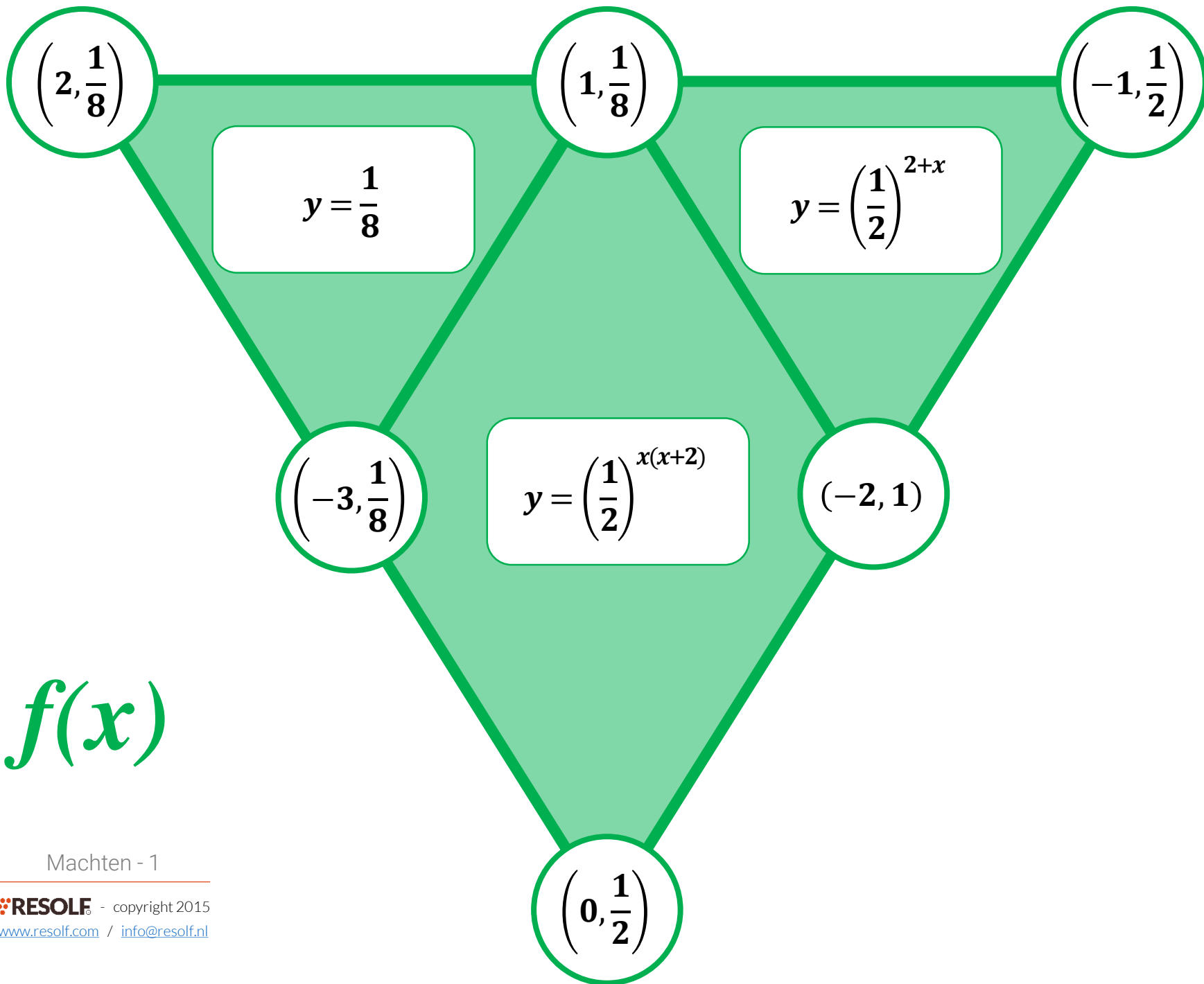
Machten - 1

 $f(x)$

Machten - 1



Machten - 1



Machten - 1