

Problema 1. Determinați valoarea lui a din egalitatea:

$$2018 - [2017 - 2016 : (2015 - 1007 \times a)] = 2017.$$

$$2017 - 2016 : (2015 - 1007 \times a) = 2018 - 2017$$

$$2017 - 2016 : (2015 - 1007 \times a) = 1$$

$$2016 : (2015 - 1007 \times a) = 2017 - 1$$

$$2016 : (2015 - 1007 \times a) = 2016$$

$$2015 - 1007 \times a = 2016 : 2016$$

$$2015 - 1007 \times a = 1$$

$$1007 \times a = 2015 - 1$$

$$1007 \times a = 2014$$

$$a = 2014 : 1007$$

$$a = 2$$

R: $a = 2$