

Exercises 8

Write Java expressions for the following mathematical expressions:

(a) $\frac{a}{b + \frac{1}{c}} + 2.5 \cdot 10^6$

(b) $e^{2k} \cdot \sqrt{x^2 - 2xy + 1}$

(c) $z = \begin{cases} 1 & \text{if } n \text{ is even} \\ 0 & \text{otherwise} \end{cases}$

(Remark: \sqrt{x} is **Math.sqrt(x)**, e^x is **Math.exp(x)**,
a % b gives the rest when dividing **a** by **b**.)