

Alberta Math 20 Pure SNAP Errata

Errata 1

On page 22, in the second line, $(x = 3)$ should be $(3x = 3)$, as follows:

Notice that the procedure described in creating equivalent systems resulted in an equation in the system that had only one variable ($3x = 3$).

Errata 2

On page 104, the last two lines have an incorrect value. The solution to Class Exercise 4 should read as follows:

Solution

$$y = a\left(x^2 + \frac{b}{a}x\right) + c$$

Fill in the missing steps.

$$y = a\left(x + \frac{b}{2a}x\right) + \frac{4ac - b^2}{4a}$$

Thus, the vertex of $y = ax^2 + bx + c$ is $\left(-\frac{b}{2a}, \frac{4ac - b^2}{4a}\right)$.