

Name:

Math 1030-008 Fall 2008

Quiz 1

Calculators are allowed, but make sure you show all of your work! The more work you show, the more likely you are to get partial credit.

1. Solve for x :

(a) $5x - 8 = x$

(b) $\frac{x}{5} = 1 + \frac{x}{2}$

2. Evaluate, if $a = 3$, $b = 4$, and $c = 2$:

$$a + b \div c + 1 =$$

3. Lizards have two eyes, but tuataras have three (two normal ones, and a pineal eye in the back of their head). You know that your terrarium has a total of eight eyes in it. How many tuataras do you have, and how many lizards? There is more than one possibility. List all of them!