Algebra I Class Work 2.2

Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Directions: You may use your book, notes, calculator, friends, and teacher. However you may not copy someone else work verbatim. **Show all your work.** If you are not finished at the end of class, write “NEED MORE TIME” at the top and turn your paper in – **you may not take it home.** You have one week to finish it.

Evaluate when *x* = –3, *y* = –5, and *z* = 12.

1. $xy+z$
2. $x^{2}y-z^{2}$

Evaluate when a= $\frac{1}{4}$, *b* = $\frac{1}{2}$, and *c* = $\frac{3}{4}$,.

1. $2a+3b$
2. $a\left(b+c\right)$
3. $\frac{5a-c}{2}$