**Directions:** Answer each question. Be sure to show your work. No work = no credit! (as in you will get no credit for doing this homework if only answers are circled and no work is shown).

1. Ms. Poillucci and Mrs. Benjamin are organizing the classroom library. The bookshelf is 3 ½ feet long. If each book is 1/2 inch thick, how many books will fit completely on 4 shelves? (1 foot = 12 inches)
2. 336
3. 42
4. 84
5. 108
6. A 8.4 kg jar of jelly is used to make sandwiches for the senior trip. If the jar is used completely and the same amount of jelly was used on each sandwich, how many grams of jelly were used to make each of the 60 sandwiches?
7. 140 grams
8. .084 grams
9. 504 grams
10. 8,400 grams
11. Circle all the figures which have 2 pairs of opposite and parallel sides?
12. Trapezoid
13. Square
14. Rectangle
15. Rhombus
16. The length Of Olivia’s lunch box is twice the width, and the width is twice the depth. The depth is 5 cubic inches, what is the volume?
17. 1,000 $in^{2}$
18. 100 $in^{3}$
19. 100 $in^{2}$
20. 1,000 $in^{3}$
21. Write an equation which represents the phrase “7 more than the product of 8 and 4?”
22. For last year’s senior trip we used 2 identical buses to travel to Club Getaway. Each bus holds 42 people. The second bus was 4/7 full. The first bus was 1/6 empty.

-How many people did the second bus have?

-How many people traveled on the first bus?

-If there were 9 chaperones and the remaining passengers were students, how many students attended the senior trip?

1. Which expression is ***not*** equivalent to 36?
2. 5 + 1 + 5(3 x 2)
3. 3 x 10 + 2(1 + 2)
4. $9^{2}+ $3(2 x 2)
5. 3(8 x 2) – ($3 x 2^{2}$)
6. There are 3 pounds of candy in the Halloween candy bowl that Ms. Poillucci plans to distribute to trick-or-treaters. 1 ¼ pounds of candy is Reece’s pieces, 7/8 pounds of candy is Tootsie Pops, and the rest is mini bags of M&M’s. How many pounds of M&M’s are in Ms. Poillucci’s Halloween bowl?