

These questions are due by the end of the week. 10/10 points towards your assessment grade if you get them all right and have the math work on paper to back up your work.

You will receive zero points and fail the assignment if you are asked for your work on paper and can not produce that effort. Missing some part of the assignment will cause a loss of that percent of the overall assignment.

These weekly problems cannot be attempted a second time and the work must be turned in on time, not later in the day, not during remediation, and not the next day.

You should work on these problems throughout the week and use down time in class to work with your teams on the solution to these problems.

1.

Standard A1.1.2.1.1

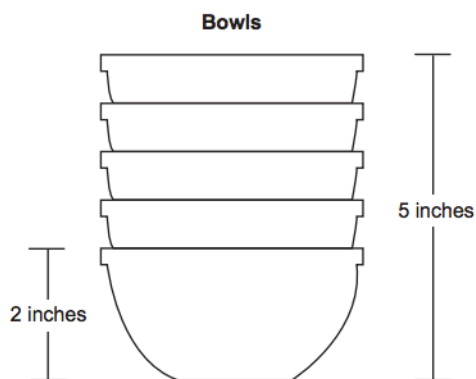
Jenny has a job that pays her \$8 per hour plus tips (t). Jenny worked for 4 hours on Monday and made \$65 in all. Which equation could be used to find t , the amount Jenny made in tips?

- A. $65 = 4t + 8$
- B. $65 = 8t \div 4$
- C. $65 = 8t + 4$
- D. $65 = 8(4) + t$

2.

Standard A1.1.2

The diagram below shows 5 identical bowls stacked one inside the other.



The height of 1 bowl is 2 inches. The height of a stack of 5 bowls is 5 inches.

- A. Write an equation using x and y to find the height of a stack of bowls based on any number of bowls.

equation: _____

3.

Standard A1.2.1.1.1

Tim's scores the first 5 times he played a video game are listed below.

4,526 4,599 4,672 4,745 4,818

Tim's scores follow a pattern. Which expression can be used to determine his score after he played the video game n times?

- A. $73n + 4,453$
- B. $73(n + 4,453)$
- C. $4,453n + 73$
- D. $4,526n$

4.

Standard A1.2.1

Hector's family is on a car trip.

When they are 84 miles from home, Hector begins recording the distance they have driven (d), in miles, after h hours as shown in the table below.

Distance from Home

Time in Hours (h)	Distance in Miles (d)
0	84
1	146
2	208
3	270

The pattern continues.

- A. Write an equation to find the distance driven (d), in miles, after a given number of hours (h).