

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 A1.2.1.2.1

A pizza restaurant charges for each pizza and adds a delivery fee. The cost (c), in dollars, to have any number of pizzas (p) delivered to a home is described by the function $c = 8p + 3$. Which statement is true?

- A. The cost of 8 pizzas is \$11.
- B. The cost of 3 pizzas is \$14.
- C. Each pizza costs \$8, and the delivery fee is \$3.
- D. Each pizza costs \$3, and the delivery fee is \$8.

2.

Standard A1.2.1.2.2

The table below shows values of y as a function of x .

x	y
2	10
6	25
14	55
26	100
34	130

Which linear equation describes the relationship between x and y ?

- A. $y = 2.5x + 5$
- B. $y = 3.75x + 2.5$
- C. $y = 4x + 1$
- D. $y = 5x$

3.

③ COMPLETE
THE TABLE

x	$y = -x^2$	y
3		
1		
0		
-1		
-2		
$\frac{1}{3}$		

④ COMPLETE
THE TABLE

x	$y = -2x - 3$	y
3		
1		
0		
-1		
-2		
$\frac{1}{3}$		