

Bolded – CALCULATOR OKAY
Not Bolded – NO CALCULATOR

MONDAY

1. Find the percentages listed along the top (using mental math strategies) for each of the numbers in the left column.

	10%	1%	50%	25%	5%	20%	75%
50							
120							
80							
45							

2. Hannah’s hourly wage increased from \$13.75 to \$15.25. What is the percent of change?

3. Solve each proportion.

a. $\frac{20}{48} = \frac{q}{8}$

b. $\frac{x}{10} = \frac{9}{4}$

TUESDAY

1. Order the numbers from least to greatest:

$\frac{6}{25}$, 23% , 0.2 , $\frac{2}{8}$

2. Identify the population and a possible sample for the following situation: *The mean number of hours Los Cerritos students spend on social media.*

Population: _____

Sample: _____

3. Simplify the expressions by combining like terms:

a. $(2c+ 3h + f + x) + (5c + 3f +2s) - (3f + x) + s$

b. $2(m + 4) + 3m + 6s$

WEDNESDAY

1. Explain **TWO WAYS** you can find 50% of 260 using mental math strategies.
2. You and your family go to a restaurant and order \$67.89 worth of food (including tax). Your waiter was awesome and you want to tip her 18%! How much tip is your waiter earning? How much total money is your family spending at dinner?
3. You are running a business and buy items for \$12.98. If you mark them up by 48%, what is the selling (retail) price? How much profit do you make?
4. Compute the mean, median, MAD and IQR of the following data set:

9, 10, 14, 20, 19, 16, 10

THURSDAY

1. Alexis was shopping and saw a pair of shoes she wanted for \$89.99. She only had \$50.00. But! She noticed a sign that said they were 35% off. Does Alexis have enough money for the shoes at the discounted price? If so, how much extra will she have? If not, how much more does she need?
2. Explain how you can compute the following WITHOUT using a calculator (mental math strategies!)

10% of 95

50% of 890

25% of 420
3. Gas prices decreased from \$3.75 a gallon to \$3.35 a gallon. What is the percent of change?
4. The points scored in 15 games by the Junior Varsity and Varsity basketball teams are shown in the double box and whisker plot to the right. Which team has a larger IQR? Which team has a higher median?

