

8th Grade Math AMI

Day 1

Use the digits 1-9 and create the largest 3 digit number possible. Each digit must be used only once.

Day 2

You are in Memphis for a Grizzlies game. There are 2 different transportation options from the airport: Memphis Taxi Company or call an Uber driver.

Taxi Company: \$2.70/mile

Uber Driver: \$2.20 pick up fee plus \$.26/mile

a. If the airport is 12.2 miles from FedEx Forum where the Grizzlies play, which option would be the cheapest? Show and explain your reasoning.

Day 3

Solve the following equations. Show your work!!

$$5x + 3 = 23$$

$$6 - 2x = 4x + 30$$

$$-3(x - 9) + 12 = 36$$

Day 4

Write each of the following in scientific notation.

3,421,000

0.0032

800

Day 5

Write each of the following in standard form.

2.46×10^6

3.2×10^{-4}

4×10^6