





HOMEWORK – 5th Grade - Week of 10/5 - 10/9

Due FRIDAY, 10/09/15

Please show all work on a separate sheet of paper. Final answers go in the box.

The table below represents the average of the top ten high scores on classic arcade games as tabulated by the Arcade Game Hall of Fame. Use the table to answer Monday through Thursday’s homework.

Classic Arcade Games Top 10 Scores (Averaged)

	Game	Score
	Ms. Pac-Man	840,309.039
	Burger Time	7,861,966.304
	Donkey Kong	1,504,409.993
	Gauntlet	4,203,309.293

MONDAY

1) Based on the table, which of the following comparisons is **NOT** true? Explain your thinking.

- A) Donkey Kong < Burger Time
- B) Ms. Pac-Man < Burger Time
- C) Gauntlet < Burger Time
- D) Donkey Kong > Gauntlet

2) Below is an example of the expanded form of the record high score on Burger Time:

$$7,000,000 + 800,000 + 60,000 + 1,000 + 900 + 60 + 6 + .3 + .004$$

Write the record high score on Ms. Pac-Man in expanded form.

TUESDAY

1) When rounded the closest hundredth, which game score would have a four in hundredths place? Show your work below or on another sheet of paper.

2) Order the record high scores in ascending order (least to greatest).

3) Round the record high score on Donkey Kong to the nearest hundredth.

WEDNESDAY/THURSDAY

1) Julia plans on submitting her high scores to the Arcade Hall of Fame for review.

- a) If Julia's high score on Ms. Pac-Man is 840,309.393, how much higher is her score than the best players?

- b) Julia's high score on Gauntlet is only nine hundredths (.09) away from the record high score, what is Julia's high score?

- c) Julia's high score on Burger Time is seven tenths higher than the record high score, what is Julia's high score?