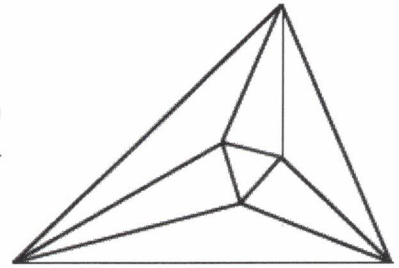


Meet 1 – Event A 2018-19



Questions are worth 2-2-2-4-4 points respectively.

No calculators allowed

_____ 1. Evaluate. Write your answer as a decimal.

$$\frac{3}{10} + \frac{2}{100} + \frac{9}{1000}$$

_____ 2. Which fraction has the largest value? Write the letter.

A. $\frac{3}{10}$

B. $\frac{99}{300}$

C. $\frac{5}{16}$

D. $\frac{101}{301}$

E. $\frac{8}{25}$

_____ 3. Every student at Friendship Middle School gets one piece of fruit with lunch. Of the students, one quarter take a banana, one half take an apple, one tenth take an orange, and the rest take a peach. What fraction of all the students at Friendship Middle School have a peach with lunch? Write your answer in lowest terms.

_____ 4. A new operation, #, is defined as follows:

$$p \# q = p^2 + 2pq + q^2$$

What is the value of $(3 \# 2) \# 7$?

_____ 5. In the equation, m and n are relatively prime positive integers.

$$\frac{1}{2} + \frac{1}{4} = \frac{1}{3} + \frac{1}{5} + \frac{m}{n}$$

What is $m + n$?

Name _____ School _____