

# Precalc Warm Up – 10/15/10

Name: \_\_\_\_\_

Period: \_\_\_\_\_

1) Consider the function  $f(x) = 10\left(\frac{1}{10}\right)^x$

a. Find  $f(-2)$

b. Find  $f(-1)$

c. Find  $f(0)$

d. Find  $f(1)$

e. Find  $f(2)$

# Precalc Interim Prep Mini Lessons Part II

Name: \_\_\_\_\_ Date: \_\_\_\_\_ Period: \_\_\_\_\_

Students will be able to solve a problem with multiple rates.
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Consider the following problem:

Mr. Spears and Mr. McCarty have a running race. Mr. McCarty is younger so he gives Mr. Spears an 18 meter head start. Mr. McCarty runs at a rate of 10 meters per second and Mr. Spears runs at a rate of 7 meters per second. How many seconds will it take for Mr. McCarty to catch Mr. Spears?

Mr. Monte-Sano has an m&m eating contest with Henry. Henry gets a 30 m&m head start. Mr. Monte-Sano eats m&ms at a rate of 60 per minute while Henry eat them at a rate of 26 per minute. How many minutes will it take until Mr. Monte-Sano and Henry have eaten the same number of m&ms?