

Math 1303 - Math in the Liberal Arts

Quiz #12 - 2005.11.09

Name: _____

1. F varies jointly as M_1 and M_2 and inversely as the square of G . Find F when $M_1 = 125$, $M_2 = 8$, $G = 5$ and the constant of proportionality is $\frac{5}{8}$.

2. Graph the solution set of the following inequality, where z is a real number, on the number line.

$$-1 < -2z + 3 \leq 5$$