

Problems

1. Find the slope of the line passing through the points $([c], [d])$ and $(1, [b])$. The write-up for this problem should be one line in MathType. Round your answer to two decimal places.

2. If $f(x) = |a| - |b|x + x^2$ and $g(x) = \frac{x^2}{x - [c] + 1.5}$, find

a) $f(g([d]))$

b) $g(f([d]))$

Round your answers to two decimal places.