

Go to <https://openlab.citytech.cuny.edu/kanmat1275cosp2020/take-home-quizzes/> for clickable links to the videos.

1) Watch this video: https://www.youtube.com/watch?v=crU_MfperB0

2) Perform the indicated operations

a) $\frac{+x^2}{x^2}$

b) $\frac{-x^2}{x^2}$

c) $\frac{+x^2}{x}$

d) $\frac{-y^2}{y^2}$

e) $\frac{-y}{y^2}$

f) $\frac{+y^2}{y^2}$

3) Watch this video: <https://www.youtube.com/watch?v=-ilH5xBYqxs>

a) If $x = y - 1$, evaluate and solve $y^2 + x = 11$

b) If $y = 2x + 1$, evaluate $y^2 + 5$