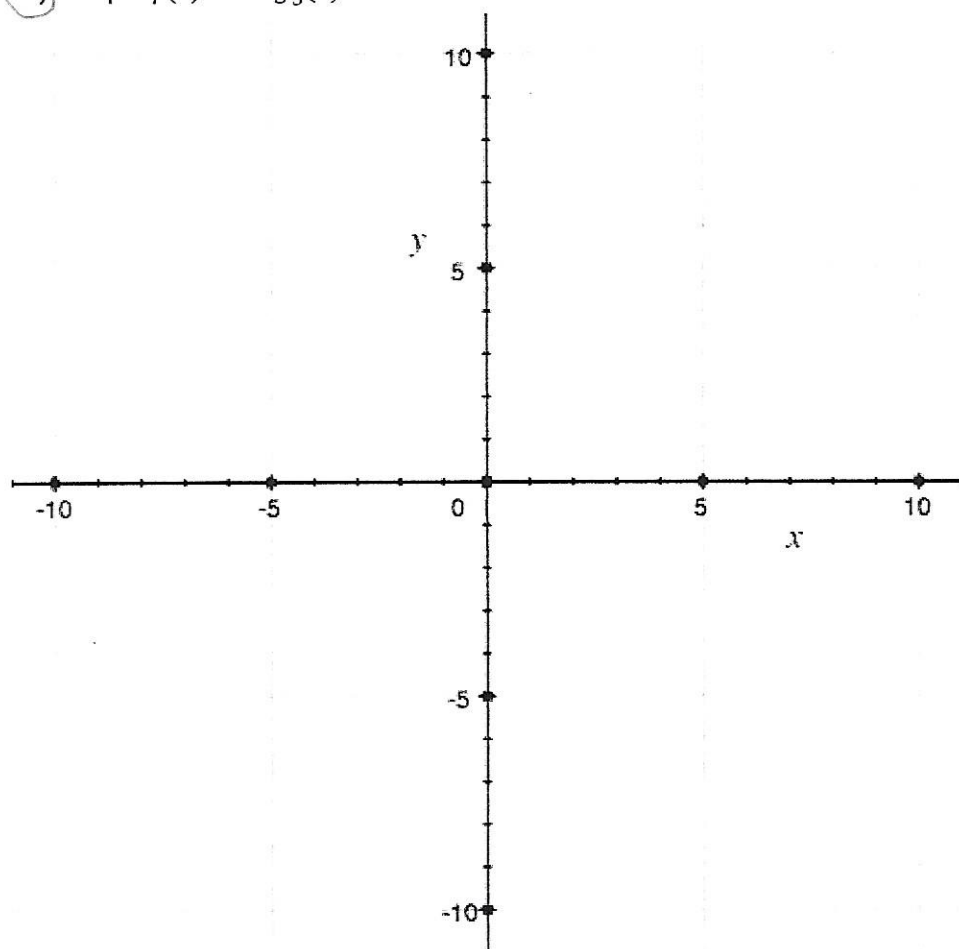


18) Graph $f(x) = \log_3(x)$



19) (10 points) Verify the identity: $\sin(2(x - \pi/4)) = -\cos(2x)$.

You can write the proof below or on separate paper. If you choose to write it on separate paper, make sure you have numbered the problem clearly, and below, write "On a separate page".