

# Math 110-HomeWork 4

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## **1 1.3**

31) find  $f + g$ ,  $f - g$ ,  $fg$  and  $f/g$  and state the domain

$$f(x) = x^3 + 2x^2, \quad g(x) = 3x^2 - 1$$

33) find  $fog$  and  $gof$  and the domain

$$f(x) = 3x + 5, \quad g(x) = x^2 + x$$

## **2 1.4 (it is 1.5 in old version)**

1,3,17

## **3 1.5 (It is 1.6 in the old version)**

21,23,25,37,52