

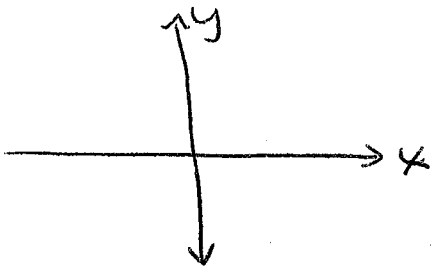
Assignment 5

Date _____ Period _____

Find all zeros and sketch graph.

1) $f(x) = x(x+5)(x+2)$

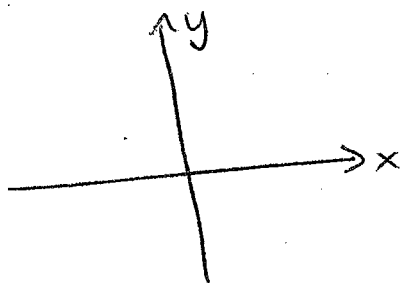
Zeros: _____



Standard form: _____

3) $f(x) = -x(x-5)(x-3)(x+7)$

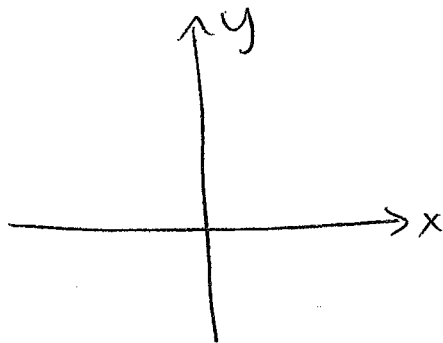
X-intercepts: _____



Standard form: _____

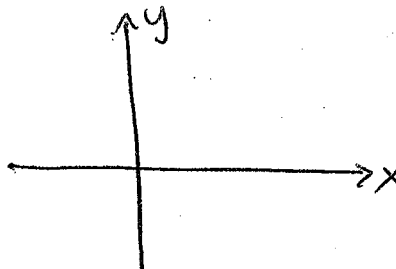
5) $f(x) = -(x+5)(x-1)(x+2)(x-5)$

X intercepts: _____



2) $f(x) = x^2 \cdot (x-3)^2$

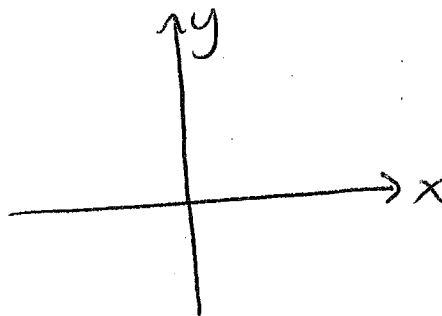
Zeros _____



Standard form: _____

4) $f(x) = -x(x-2)(x+5)$

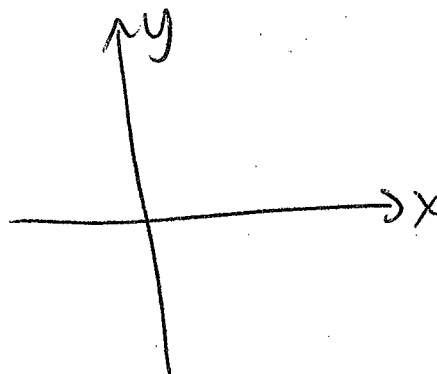
Zeros: _____



Standard form: _____

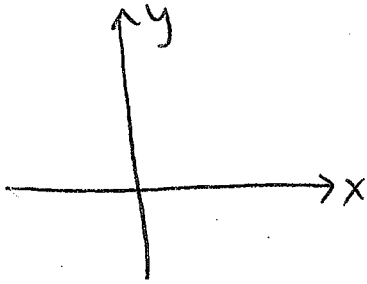
6) $f(x) = x(x+1)^2 \cdot (x-2)^2$

X intercepts: _____



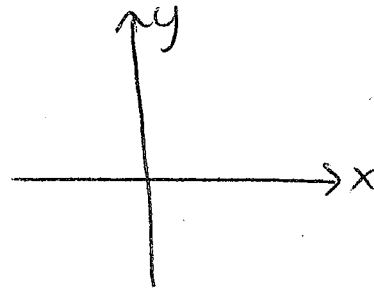
$$7) f(x) = (x+7)^2(x-4)(x+1)$$

X intercepts: _____



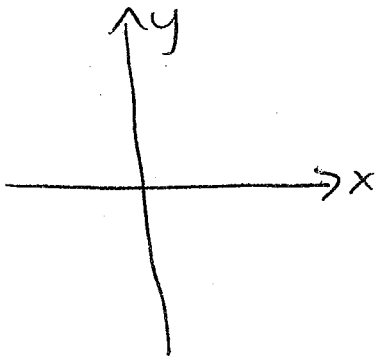
$$8) f(x) = -(x-8)(x-5)(x+3)(x+6)^2$$

X intercepts: _____



$$9) f(x) = x(x-3)^3(x+3)$$

X intercepts: _____



$$10) f(x) = x^2 \cdot (x-3)^2 \cdot (x+5)^2 \cdot (x+7)^2$$

X intercepts: _____

