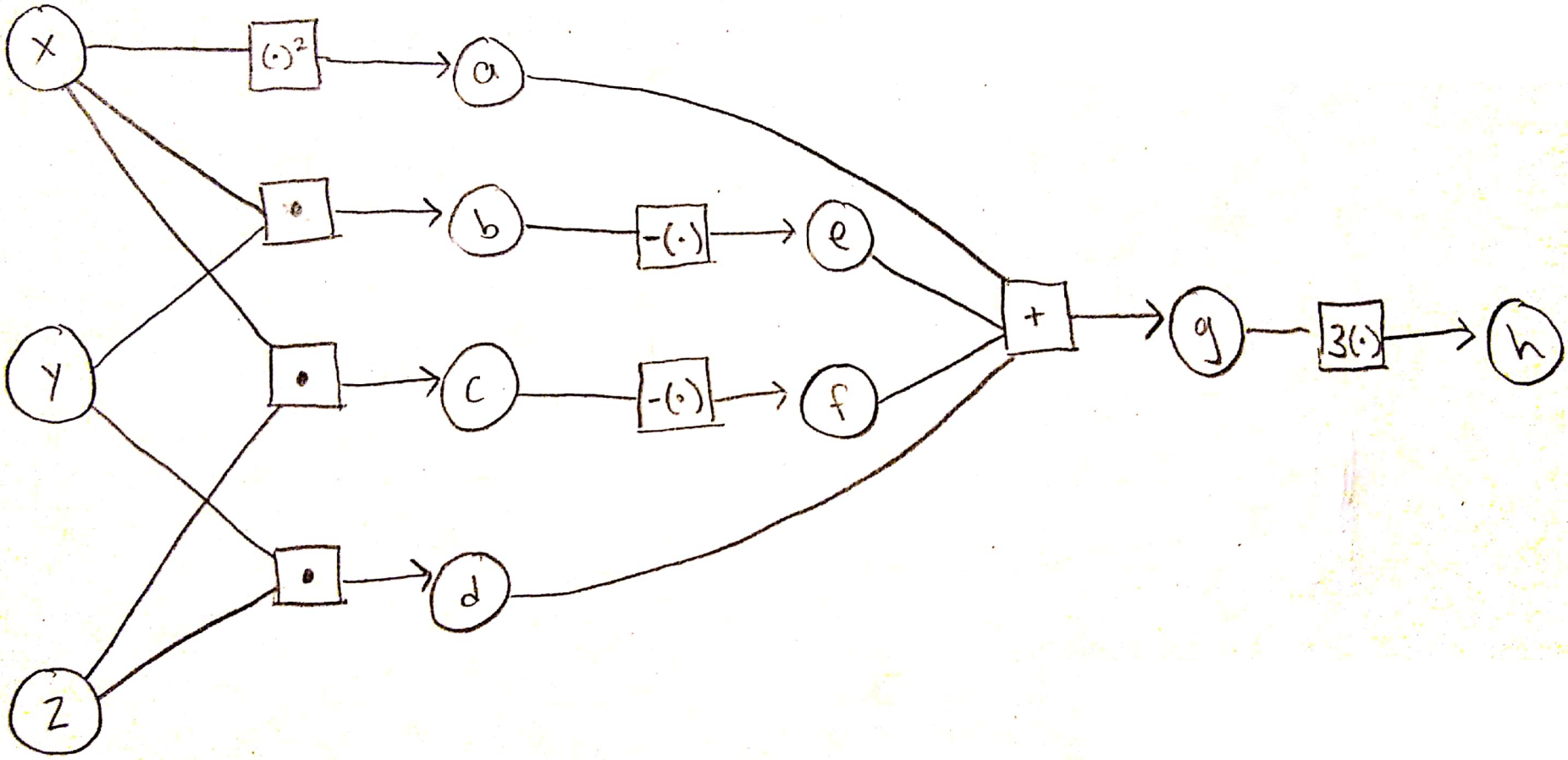
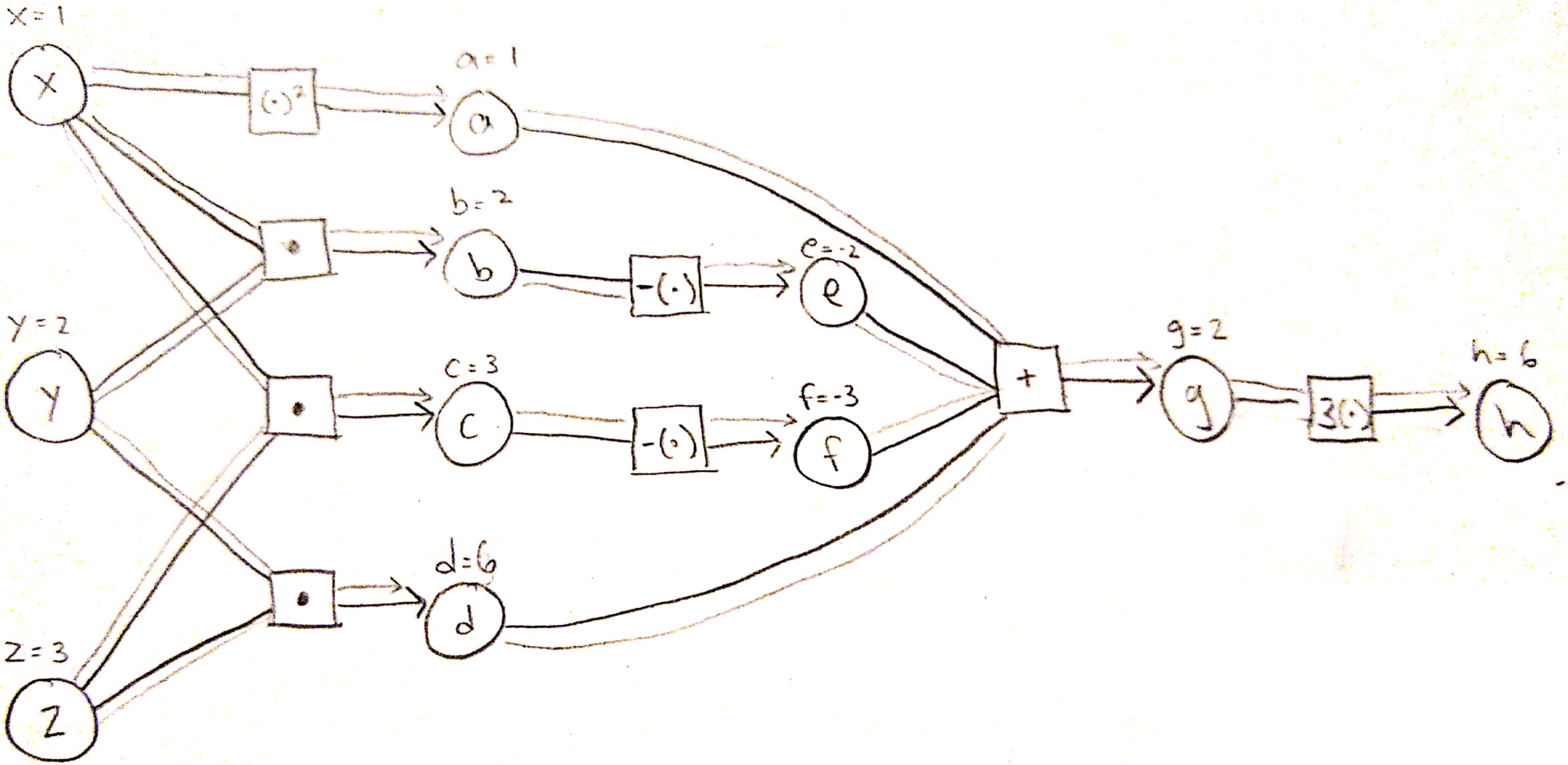
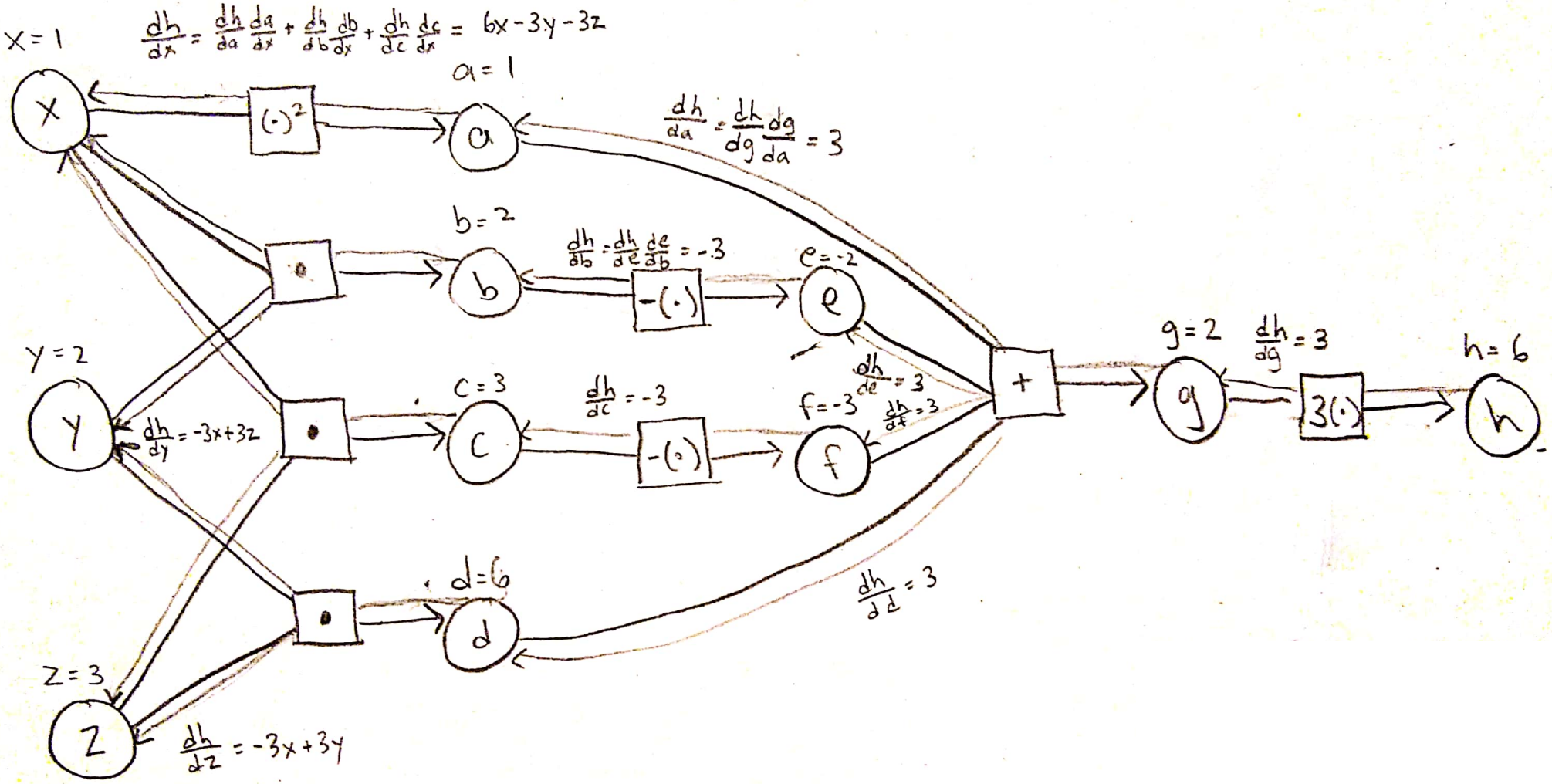

x
y
z
$(\cdot)^2$
a
•
b
-(·)
e
•
c
-(·)
f
•
d
+
g
3(·)
h


x=1
x
y=2
y
z=3
z
(·)²
a=1
a
b=2
b
-(·)
e=-2
e
c=3
c
-(·)
f=-3
f
d=6
d
+
g=2
g
3(·)
h=6
h

$$f(x,y,z) = 3(x-y)(x-z)$$



$$\nabla f(1,2,3) = (-9, 3, 3)$$