

(*Lesson 4 Functions

Y=mx+b

f(x)=mx+b

*)

f[x_] := (2 x) - 5

f[6];

f[h_] := 10 h /; 0 ≤ h ≤ 8

f[h_] := 15 (h - 8) + 80 /; 8 < h ≤ 10

f[h_] := 20 (h - 10) + 110 /; 10 < h ≤ 24

f [11];

In[60]:=

f[x_] := 4316 /; 30 000 ≤ x < 30 050

f[x_] := 4329 /; 30 050 ≤ x < 30 100

f[x_] := 4354 /; 30 100 ≤ x < 30 200

f[30 010]; f[30 075];

f[30 199]

Out[64]= 4354

Out[41]= 4316