1.

 F(x)=ax+b

F(8)=10C 10=8a+b/ x (-1) -10=8x-b

F(16)=18C 18=16a+b 18=16a+b

8=8a a=1 b=2

2.

 f(x)=2.5x+15

 F(80)=215

3.

x- broj ljudi x-38n=2320/ x (-1)

n-broj sjedala x-37n=2360

2200+38n=x-120 n=40

2300+37n=x-60 x=3840

4.

f(x)=25.75x+500

f(125)=3718.76

5000=25.75x+500

25.75x=4500

X=174

6.

A:f(x)=5x+10 5x+10=6x+8

B:g(x)=6x+8 x=2

F(5)=5 x 5+ 10= 35

g(5)=6 x 5+8 = 38

f(20)=100+10=110

g(20)=120+8=128

7.

f(x)=180x+200 f(2)=360+200

F(2.5)=450+200 f(2)=560

F(2.5)=650

Popravak traje 150min, a košta 650kn

8.

F(x)=-30x+450 120=-30x+450

F(10)=-300+450 30x=330

F(10)=150 x=11