EMA:

$$x_n = \frac{2}{prd_n + 1}$$

$$EMA_{prd_n}[1] = data[1]$$

$$EMA_{prd_n}[n+1] = (data[n+1] * x_n) + (EMA_{prd_n}[n] * (1 - x_n))$$

if two EMA are equal where $data[n+1]$ is unknown, then:

$$EMA_{prd_1}[n+1] = EMA_{prd_2}[n+1]$$

$$(data[n+1] * x_1) + (EMA_{prd_1}[n] * (1 - x_1)) = (data[n+1] * x_2) + (EMA_{prd_2}[n] * (1 - x_2))$$

$$(data[n+1] * x_1) - (data[n+1] * x_2) = (EMA_{prd_2}[n] * (1 - x_2)) - (EMA_{prd_1}[n] * (1 - x_1))$$

$$(x_1 - x_2)data[n+1] = (EMA_{prd_2}[n] * (1 - x_2)) - (EMA_{prd_1}[n] * (1 - x_1))$$

$$data[n+1] = \frac{\left(EMA_{prd_2}[n]*(1-x_2)\right) - \left(EMA_{prd_1}[n]*(1-x_1)\right)}{(x_1 - x_2)}$$

or in MetaStock terms:
prd1:=5;
prd2:=20;
data:=CLOSE;
x1:=2/(prd1+1);
x2:=2/(prd2+1);
ma1:=ref(mov(data,prd1,e),-1);
ma2:=ref(mov(data,prd2,e),-1);
((ma2*(1-x2))-(ma1*(1-x1)))/(x1-x2);