

```
syms s;  
  
F = (4*s+2)/(2*s^2+20*s+48);  
disp("Inverse Laplace of 4")  
ilaplace(F)  
  
F = (3*s+1)/(2*s^2+8*s+26);  
disp("Inverse Laplace of 5")  
ilaplace(F)
```

Inverse Laplace of 4)

ans =

$(11\exp(-6t))/2 - (7\exp(-4t))/2$

Inverse Laplace of 5)

ans =

$(3\exp(-2t))(\cos(3t) - (5\sin(3t))/9))/2$

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