Runtimes

A: 1 (fifo=**1**, sjf=**1**)

B: 5 (fifo=1+5=**6**, sjf=2+5=**7**)

C: 7 (fifo=6+7=**13**, sjf=7+7=**14**)

D: 20 (fifo=13+2=**33**, sjf=14+20=**34**)

E: 1 (fifo=33+1=**34**, sjf=1+1=**2**)

Response Times

Fifo avg = (1+6+13+33+34)/5 = 17.4

Sjf avg = (1+2+7+14+34)/5 = 11.6

Runtimes

A: 3 (fifo=**3**, sjf=4+3=**7**)

B: 6 (fifo=3+6=**9**, sjf=11+6=**17**)

C: 2 (fifo=9+2=**11**, sjf=**2**)

D: 4 (fifo=11+4=**15**, sjf=7+4=**11**)

E: 2 (fifo=15+2=**17**, sjf=2+2=**4**)

Response Times

Fifo avg = (3+9+11+15+17)/5 = 11

Sjf avg = (2+4+7+11+17)/5 = 8.2

Trying to get FIFO to be faster...

Runtimes

A: 9 (fifo=**9**, sjf=**9**)

B: 10 (fifo=9+10=**19**, sjf=9+10=**19**)

C: 11 (fifo=19+11=**30**, sjf=19+11=**30**)

D: 12 (fifo=30+12=**42**, sjf=30+12=**42**)

Response Times

Fifo avg = (9+19+30+42)/4 = 25

Sjf avg = (9+19+30+42)/4 = 25

I could not figure out any numbers to make FIFO shorter….but if they are in ascending order, then FIFO is the same as SJF.