

a.

Resource	Count	Activities	Cycle time (min/bike)		Capacity (bikes/hr)
			By activity	Total	
Jeff	1	Handlebars	2	2	$60 / 2 = 30$
Anna	1	Frames	6	8	$60 / 8 = 7.5$
		Kickstand	2		
Paul	1	Wheels	3	2	$60 / 3 = 20$

c.

Resource	Capacity	Utilization
Jeff	30	$7.5 / 30 = 25\%$
Anna	7.5	$7.5 / 7.5 = 100\%$
Paul	20	$7.5 / 20 = 37.5\%$

d.

Resource	Salary per hour utilized	Utilization	Salary per hour
Jeff	20	25%	$20 * (25\%) = 5$
Anna	30	100%	$30 * (100\%) = 30$
Paul	16	37.50%	$16 * (37.5\%) = 6$