

# Candidate 1

	A	B	C	D
1	<b>Task 2</b>			
2	<b>Name</b>			
3				
4	<b>WAGES</b>			
5	Basic Pay - per hour	£10	Basic Hours	35
6	Overtime - per hour	£15	Overtime Hours	5
7				
8	<b>MOTOR VANS</b>			
9	Cost - per van	£15,000	No of vans	3
10	Estimated Life - years per van	4	MOT per van	£50
11	Residual Value - per van	£3,000	Road Tax per van	£240
12	Total Annual Mileage - all vans	72000		
13	Petrol - per litre	£1.20		
14	Servicing - per van	£280		
15	Tyres - per van	£320		
16				
17				
18	Number of Safety Checks per Quarter	460		
19				
20	<b>Annual Operating Costs - Model X</b>			
21				
22	Wages	£65,400.00		
23	Administration Costs	£654.00		
24	Depreciation	£9,000.00		
25	Petrol	£10,800.00		
26	Servicing	£1,680.00		
27	Tyres	£1,440.00		
28	MOT	£150.00		
29	Road Tax	£720.00		
30	Insurance	£2,156.00		
31	<b>Total Cost</b>	£92,000.00		
32				
33	<b>Cost per Safety Check</b>	£50.00		

	A	B	C	D
1	Task 2			
2	Name			
3				
4	<b>WAGES</b>			
5	Basic Pay - per hour	10	Basic Hours	35
6	Overtime - per hour	=B5+(B5*0.5)	Overtime Hours	5
7				
8	<b>MOTOR VANS</b>			
9	Cost - per van	15000	No of vans	3
10	Estimated Life - years per van	4	MOT per van	50
11	Residual Value - per van	3000	Road Tax per van	240
12	Total Annual Mileage - all vans	=(500*48)*D9		
13	Petrol - per litre	1.2		
14	Servicing - per van	280		
15	Tyres - per van	320		
16				
17				
18	Number of Safety Checks per Quarter	460		
19				
20	<b>Annual Operating Costs - Model X</b>			
21				
22	Wages	=(((B5*D5)+(B6*D6))*48)+((B5*D5)*4))*3		
23	Administration Costs	=IF(B22>=70000, B22*0.02, B22*0.01)		
24	Depreciation	=(B9-B11)/B10)*D9		
25	Petrol	=B13*(B12/8)		
26	Servicing	=(B12/D9)/12000)*(B14*D9)		
27	Tyres	=(B12/D9)/16000)*(B15*D9)		
28	MOT	=D10*D9		
29	Road Tax	=D11*D9		
30	Insurance	2156		
31	<b>Total Cost</b>	=SUM(B22:B30)		
32				
33	<b>Cost per Safety Check</b>	=B31/(B18*4)		

## Candidate 2

	A	B	C	D
1	Task 2			
2	Name			
3				
4	<b>WAGES</b>			
5	Basic Pay - per hour	£10	Basic Hours	35
6	Overtime - per hour	£15	Overtime Hours	5
7				
8	<b>MOTOR VANS</b>			
9	Cost - per van	£15,000	No of vans	3
10	Estimated Life - years per van	4	MOT per van	£50
11	Residual Value - per van	£3,000	Road Tax per van	£240
12	Total Annual Mileage - all vans	72000		
13	Petrol - per litre	£1.20		
14	Servicing - per van	£280		
15	Tyres - per van	£320		
16				
17				
18	Number of Safety Checks per Quarter	460		
19				
20	<b>Annual Operating Costs - Model X</b>			
21				
22	Wages	£65,400.00		
23	Administration Costs	£654.00		
24	Depreciation	£9,000.00		
25	Petrol	£10,800.00		
26	Servicing	£1,680.00		
27	Tyres	£1,440.00		
28	MOT	£150.00		
29	Road Tax	£720.00		
30	Insurance	£2,156.00		
31	<b>Total Cost</b>	<b>£92,000.00</b>		
32				
33	<b>Cost per Safety Check</b>	<b>£50.00</b>		

	A	B	C	D
1	Task 2			
2	Name			
3				
4	<b>WAGES</b>			
5	Basic Pay - per hour	10	Basic Hours	35
6	Overtime - per hour	=B\$5*1.5	Overtime Hours	5
7				
8	<b>MOTOR VANS</b>			
9	Cost - per van	15000	No of vans	3
10	Estimated Life - years per van	4	MOT per van	50
11	Residual Value - per van	3000	Road Tax per van	240
12	Total Annual Mileage - all vans	=500*48*3		
13	Petrol - per litre	1.2		
14	Servicing - per van	280		
15	Tyres - per van	320		
16				
17				
18	Number of Safety Checks per Quarter	460		
19				
20	<b>Annual Operating Costs - Model X</b>			
21				
22	Wages	=(B\$5*D5+B6*D6)*3*48+(B5*D5)*4*3		
23	Administration Costs	=IF(B22>=70000,B22*0.02,B22*0.01)		
24	Depreciation	=(B\$9 B11)/B10)*3		
25	Petrol	=(B\$12/8)*B13		
26	Servicing	=(B\$12/12000)*B14		
27	Tyres	=(B\$12/16000)*B15		
28	MOT	=D\$10*D9		
29	Road Tax	=D\$11*D9		
30	Insurance	2156		
31	<b>Total Cost</b>	=SUM(B22:B30)		
32				
33	<b>Cost per Safety Check</b>	=B\$31/(460*4)		

# Candidate 3

	A	B	C	D
1	<b>Task 2</b>			
2				
3				
4	<b>WAGES</b>			
5	Basic Pay - per hour	£10	Basic Hours	35
6	Overtime - per hour	£15	Overtime Hours	5
7				
8	<b>MOTOR VANS</b>			
9	Cost - per van	£15,000	No of vans	3
10	Estimated Life - years per van	4	MOT per van	£50
11	Residual Value - per van	£3,000	Road Tax per van	£240
12	Total Annual Mileage - all vans	72000		
13	Petrol - per litre	£1.20		
14	Servicing - per van	£280		
15	Tyres - per van	£320		
16				
17				
18	Number of Safety Checks per Quarter	460		
19				
20	<b>Annual Operating Costs - Model X</b>			
21				
22	Wages	£55,500.00		
23	Administration Costs	£555.00		
24	Depreciation	£36,000.00		
25	Petrol	£32,400.00		
26	Servicing	£5,040.00		
27	Tyres	£4,320.00		
28	MOT	£150.00		
29	Road Tax	£720.00		
30	Insurance	£2,156.00		
31	<b>Total Cost</b>	<b>£136,841.00</b>		
32				
33	<b>Cost per Safety Check</b>	<b>£74.37</b>		

	A	B	C	D
1	Task 2			
2				
3				
4	<b>WAGES</b>			
5	Basic Pay - per hour	10	Basic Hours	35
6	Overtime - per hour	=B5*1.5	Overtime Hours	5
7				
8	<b>MOTOR VANS</b>			
9	Cost - per van	15000	No of vans	3
10	Estimated Life - years per van	4	MOT per van	50
11	Residual Value - per van	3000	Road Tax per van	240
12	Total Annual Mileage - all vans	=D9*500*48		
13	Petrol - per litre	1.2		
14	Servicing - per van	280		
15	Tyres - per van	320		
16				
17				
18	Number of Safety Checks per Quarter	460		
19				
20	<b>Annual Operating Costs - Model X</b>			
21				
22	Wages	=(D5*B5*52*3)+(D6*B6*4*3)		
23	Administration Costs	=IF(B22>=70000,B22*0.02,B22*0.01)		
24	Depreciation	=(B9-B11)*D9		
25	Petrol	=(B12/8)*B13*D9		
26	Servicing	=(B12/12000)*B14*D9		
27	Tyres	=(B12/16000)*B15*D9		
28	MOT	=(D9*D10)		
29	Road Tax	=(D9*D11)		
30	Insurance	2156		
31	<b>Total Cost</b>	=SUM(B22:B30)		
32				
33	<b>Cost per Safety Check</b>	=(B31/B18)/4		

# Candidate 4

	A	B	C	D
1	Task 2			
2	Name	TechDesign Ltd		
3				
4	<b>WAGES</b>			
5	Basic Pay - per hour	£10	Basic Hours	35
6	Overtime - per hour	£15	Overtime Hours	5
7				
8	<b>MOTOR VANS</b>			
9	Cost - per van	£15,000	No of vans	3
10	Estimated Life - years per van		4 MOT per van	£50
11	Residual Value - per van	£3,000	Road Tax per van	£240
12	Total Annual Mileage - all vans	72000		
13	Petrol - per litre	£1.20		
14	Servicing - per van	£280		
15	Tyres - per van	£320		
16				
17				
18	Number of Safety Checks per Quarter	1,380		
19				
20	<b>Annual Operating Costs - Model X</b>			
21				
22	Wages	£62,600.00		
23	Administration Costs	£626.00		
24	Depreciation	£9,000.00		
25	Petrol	£10,800.00		
26	Servicing	£5,040.00		
27	Tyres	£4,320.00		
28	MOT	£150.00		
29	Road Tax	£720.00		
30	Insurance	£2,156.00		
31	<b>Total Cost</b>	<b>£95,412.00</b>		
32				
33	<b>Cost per Safety check</b>	<b>£69.14</b>		

	A	B	C	D
1	Task 2			
2	Name	TechDesign Ltd		
3				
4	<b>WAGES</b>			
5	Basic Pay - per hour	10	Basic Hours	35
6	Overtime - per hour	=15	Overtime Hours	5
7				
8	<b>MOTOR VANS</b>			
9	Cost - per van	15000	No of vans	3
10	Estimated Life - years per van	4	MOT per van	50
11	Residual Value - per van	3000	Road Tax per van	240
12	Total Annual Mileage - all vans	=500*48*3		
13	Petrol - per litre	1.2		
14	Servicing - per van	280		
15	Tyres - per van	320		
16				
17				
18	Number of Safety Checks per Quarter	=460*3		
19				
20	<b>Annual Operating Costs - Model X</b>			
21				
22	Wages	={D5*B5*48*3}+(D6*B6*48*3)+(D5*B5*4)		
23	Administration Costs	=IF(B22>=70000,B22*2%,B22*1%)		
24	Depreciation	={(B9-B11)/B10*3}		
25	Petrol	={B12/8}*B13		
26	Servicing	={B12/12000}*B14*3		
27	Tyres	={B12/16000}*B15*3		
28	MOT	=D10*D9		
29	Road Tax	=D11*D9		
30	Insurance	2156		
31	<b>Total Cost</b>	=SUM(B22:B30)		
32				
33	<b>Cost per Safety check</b>	=B31/B18		

# Candidate 5

	A	B	C	D
1	<b>Task 2</b>			
2	<b>Name</b>			
3				
4	<b>WAGES</b>			
5	Basic Pay - per hour	£10	Basic Hours	35
6	Overtime - per hour	£15	Overtime Hours	5
7				
8	<b>MOTOR VANS</b>			
9	Cost - per van	£15,000	No of vans	3
10	Estimated Life - years per van	4	MOT per van	£50
11	Residual Value - per van	£3,000	Road Tax per van	£240
12	Total Annual Mileage - all vans	72000		
13	Petrol - per litre	£1.20		
14	Servicing - per van	£280		
15	Tyres - per van	£320		
16				
17				
18	Number of Safety Checks per Quarter	460		
19				
20	<b>Annual Operating Costs - Model X</b>			
21				
22	Wages	£65,400.00		
23	Administration Costs	£654.00		
24	Depreciation	£9,000.00		
25	Petrol	£10,800.00		
26	Servicing	£1,680.00		
27	Tyres	£1,440.00		
28	MOT	£150.00		
29	Road Tax	£720.00		
30	Insurance	£2,156.00		
31	<b>Total Cost</b>	<b>£92,000.00</b>		
32				
33	<b>Cost per Safety Check</b>	<b>£50.00</b>		

	A	B	C	D
1	<b>Task 2</b>			
2	<b>Name</b>			
3				
4	<b>WAGES</b>			
5	Basic Pay - per hour	10	Basic Hours	35
6	Overtime - per hour	=B5*0.5+10	Overtime Hours	5
7				
8	<b>MOTOR VANS</b>			
9	Cost - per van	15000	No of vans	3
10	Estimated Life - years per van	4	MOT per van	50
11	Residual Value - per van	3000	Road Tax per van	240
12	Total Annual Mileage - all vans	=(500*48)*D9		
13	Petrol - per litre	1.2		
14	Servicing - per van	280		
15	Tyres - per van	320		
16				
17	Number of Safety Checks per Quarter	460		
18				
19	<b>Annual Operating Costs - Model X</b>			
20				
21	Wages	=(((48*D5)*B5)+((4*D5)*B5)+((48*D6)*B6))*3		
22	Administration Costs	=IF(B21>=70000,B21*2%,B21*1%)		
23	Depreciation	=D9*B11		
24	Petrol	=(B12/8)*B13		
25	Servicing	=(B12/12000)*B14		
26	Tyres	=(B12/16000)*B15		
27	MOT	=D10*D9		
28	Road Tax	=D9*D11		
29	Insurance	2156		
30	<b>Total Cost</b>	=B21+B22+B23+B24+B25+B26+B27+B28+B29		
31				
32	<b>Cost per Safety Check</b>	=B30/(B17*4)		