

Estimating Mark Scheme

1(a)	4×11	[1] Attempt to round provided numbers
	$= 44$	[1] Final answer
1(b)	2000×31	[1] Attempt to round provided numbers
	$= 62,000$	[1] Final answer
1(c)	50×120	[1] Attempt to round provided numbers
	6000	[1] Final answer
2	$1506 \times \text{£}6.95 \approx 1500 \times 7$	[1] Attempt to round provided numbers
	$= \text{£}10,500$	[1] Final answer
3	$(30 \times 2) + (42 \times 4)$ Or $(30 \times 2) + (40 \times 4)$	[2] Attempt to round provided numbers
	$\text{£}228$ or $\text{£}220$	[1] Final answer
4(a)	$\frac{24 \times 3}{4 \times 2}$	[2] Attempt to round provided numbers
	9	[1] Final answer
4(b)	$\frac{30.11 + 19.3}{1.22 \times 5.23} \approx \frac{30 + 20}{1 \times 5}$	[2] Attempt to round provided numbers
	10	[1] Final answer
4(c)	$\frac{20.2 \times 99.5}{11.11 - 5.95} \approx \frac{20 \times 100}{11 - 6}$	[2] Attempt to round provided numbers
	400	[1] Final answer
5(a)	6×8	[1] Attempt to round provided numbers
	48	[1] Final answer
5(b)	Numbers are rounded to higher numbers	[1] Reason
	Overestimate	[1] Conclusion
6(a)	6×20	[1] Attempt to round provided numbers
	120	[1] Final answer

Turn over ►

6(b)	$13 \times 10 = 130$ minutes 2 hours 10 minutes	[1] Attempt to round provided numbers
	Estimate is off as estimate gives a time longer than 2 hours	[1] Reason
	No	[1] Yes or No Answer
7	$400 \div 10$	[1] Attempt to round provided numbers
	40 cartons needed	[1] Final answer

END