



Question	Give 1 mark for each •	Illustrations of evidence
1.	Ans: 11/28 <ul style="list-style-type: none"> • Strat process of adding fractions • Add correctly • Find the amount of black pens 	<ul style="list-style-type: none"> • $\frac{1}{4} + \frac{3}{7}$ • 19/28 • 11/28
2.	Ans: A or b <ul style="list-style-type: none"> • States Tolerance • Calculate percentage of one company • Calculate percentage of other two • States which companies 	<ul style="list-style-type: none"> • 43-47mm • A = 80% • B = 80%, C = 40% • A or B would be suitable as they are above the required success rate
3a	Ans: £340 <ul style="list-style-type: none"> • Multiplies hours by wage 	<ul style="list-style-type: none"> • £340
3b	Ans: £970 <ul style="list-style-type: none"> • Finds monthly income • Adds up deductions • Subtracts deductions from income 	<ul style="list-style-type: none"> • $340 \times 4 = £1360$ • $192 + 118 + 82 = £390$ • £970
3c	Ans: £430 <ul style="list-style-type: none"> • Find 10% • Multiply Savings by number of weeks • Subtract leftover money 	<ul style="list-style-type: none"> • £97 • $97 \times 5 = £485$ • $£485 - 55 = 430$
4.	Ans: 1hr 40 mins <ul style="list-style-type: none"> • Find arrival time in Dubai 	<ul style="list-style-type: none"> • 16:35

	<ul style="list-style-type: none"> • Find the time plane leaves Dubai • Calculate the difference 	<ul style="list-style-type: none"> • 18:15 • 1hr 40 mins
5.	<p>Ans: 700 Tvs</p> <ul style="list-style-type: none"> • Start table • Find one way of stacking boxes • Find the other • State the maximum 	<ul style="list-style-type: none"> • • 600 • 700 • 700 boxes
6.	<p>Ans: £7680</p> <ul style="list-style-type: none"> • 20% of 12000 • Take away from 12000 • Find 20% and take away 	<ul style="list-style-type: none"> • 2400 • 9600 • 7680
7a	<p>Ans: 45.12m</p> <ul style="list-style-type: none"> • Start find circumference of circle/semi circle • Find length of circle/semi circle • Length of either side • Full length 	<ul style="list-style-type: none"> • $0.5 \times \pi \times 8$ • $12.56 / 25.12$ • 20 • 45.12m
7b.	<p>Ans: 86.26m²</p> <ul style="list-style-type: none"> • Find area of rectangle • Area of circle started • Area of a circle calculated • Total Area • Cost 	<ul style="list-style-type: none"> • 60 • States formula • 28.26 • 88.26 • £1112.50
8.	<p>Ans: Median =137, SIQR = 7</p> <ul style="list-style-type: none"> • Sort numbers 	<ul style="list-style-type: none"> •

	<ul style="list-style-type: none"> • Find median • State Q1 and Q3 • Find SIQR • Compare averages • Compare SIQR 	<ul style="list-style-type: none"> • 137cm • Q1 = 129 and Q3 = 143 • SIQR = 7 • On average the second group is taller • The spread of heights in the second class is greater.
9a.	Ans: £2774.44 <ul style="list-style-type: none"> • Calculate cheapest parts • Total costs 	<ul style="list-style-type: none"> • 319.44 • 2774.44
9b.	Ans: £3126 <ul style="list-style-type: none"> • Calculate 20% • Calculate the cost of instalments • Find total cost 	<ul style="list-style-type: none"> • 576 • 2550 • £3126
10a.	Ans: £74.95 <ul style="list-style-type: none"> • 14.99 x 5 	<ul style="list-style-type: none"> • £74.95
10b.	Ans: Family Pass £70 <ul style="list-style-type: none"> • Option 2 • Option 3: Find number of tokens needed • Find costs of tokens • Option 2 the family pass is the best deal 	<ul style="list-style-type: none"> • 70 • 105 • £157.50 •