



Q	Answer	Marks
1	No, 56 is not between 1 and 10. 5.6×10^4	2
2	52 cm^2	2
3	72 cm^3	2
4	26 km	3
5	$PQ = PR = QR = 5 \text{ cm}$, so triangle PQR is equilateral and each angle is 60 degrees	2
6	a) 159.5 b) We do not know the exact heights, only which class they are in, so we assume each is at the midpoint	3
7	3	3
8	10.4 km/h	3
9	9	2
10	Yes, 97 is not divisible by 2, 3, 5 or 7	2
11	$x = -1) -1$ $x = 1) -1$	2
12	$2\frac{5}{8}$	2
13	$23 - 3n$	2
14	£60	3
15	a) enlargement, scale factor $\frac{1}{2}$, centre (0, 0) b) reflection in the y-axis	4
16	90	3
17	a) $n = 6$ b) $n = 3$	2
18	€285	2
19	For every 5 packs of pens and 2 packs of pencils there are 60 pens and 40 pencils; $60 : 40 = 3 : 2$	4
20	30	2

Full worked solutions, written out by hand, are on the solutions sheet for this sheet.