



Q	Answer	Marks
1	p) acute, about 35° q) obtuse, about 120° r) reflex, about 250°	3
2	a) angle PQR (or RQP) b) PQ c) angle PRQ (or QRP) d) QR	4
3	a) 6.3 cm (63 mm) b) 137°	2
4	a) a line from A at 65° to AB b) a line from C straight down, making a reflex angle of 270° with CD	2
5	a) C is 4 squares directly above A; join C to B b) 34° (accept 32° to 36°)	3
6	$x = 97$ (angles around a point add up to 360 degrees)	2
7	a) 38° (vertically opposite) b) 142° (angles on a straight line add up to 180°) c) 142° (vertically opposite to b)	3
8	a) square b) rhombus c) trapezium d) kite e) isosceles triangle	4
9	x) 57° y) 95° z) 70°	4
10	88°	4
11	a) c and d lie on the straight line BCD b) angles in a triangle add up to 180° c) $a + b + c = c + d$, so $a + b = d$ d) 115°	4
12	a) alternate angles are equal b) alternate angles are equal c) $p + z + q = 180^\circ$ (straight line), and $p = x$, $q = y$, so $x + y + z = 180^\circ$	3

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