

Angles Topic Test 3 (20 minutes)

Mark Scheme

Q	Answer	Mark	Comments
1	54	B1	Tolerance $\pm 2^\circ$
2	148	B1	
	Angles on a straight line add to 180°	B1	
3 (a)	Obtuse	B1	
3 (b)	42	B1	Tolerance $\pm 2^\circ$
3 (c)	<i>AB</i> and <i>CD</i> or <i>CD</i> and <i>EF</i> or <i>AC</i> and <i>BD</i> or <i>AB</i> and <i>EF</i> marked with arrows	B1	
4	128	B1	
	Corresponding angles are equal	B1	
5	109	B1	
	Corresponding angles are equal	B1	Correct alternatives:
	Angles on a straight line add to 180°	B1	Angles on a straight line add to 180° Alternate angles are equal OR Vertically opposite angles are equal Co-interior angles add to 180°
6	$(180 - 32) \div 2$ or 74	M1	
	$180 - 74$	M1	
	106 and all reasons given	A1	Alternate angles are equal $MNP = 32$ Angles in a triangles add to 180 $NMP=74$ (Isosceles triangle) Angles on a straight line add to 180