

Properties of Polygons 10 minute test 2

Q	Answer	Mark	Comments
1(a)	$360 - 156 - 69 - 47$	M1	
	88	A1	
1(b)	Angles in a quadrilateral sum to 360 degrees.	B1	
2	Indicates (a), (b) and (c)	B2	B1 for two correct answers. (a 5 pointed star is an example of an irregular polygon which has equal sides).
3	180	B1	
4	$180 \times (8 - 2) \div 8$	M1	Substitutes into the formula.
	135	A1	
5(a)	Draws a trapezium correctly. Must identify a pair of parallel sides.	B1	
5(b)	Two pairs of equal adjacent sides.	B1	Accept adjacent sides are equal if shown with a diagram.
	Angles in between non-adjacent equal side lengths are equal.	B1	May be indicated on a diagram. Must link diagram to key feature.